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To The Chairman and Members of the Local Plan Working Group

All other Members of the Council – for information

Your Ref:

Our Ref: JB/L.3

Contact: Julie Britton

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Date: 23 October 2013

AGENDA SUPPLEMENT (3) – APPENDIX D/PART 3

Dear Sir/Madam

LOCAL PLAN WORKING GROUP - TUESDAY 29 OCTOBER 2013

I refer to the agenda for the above-mentioned meeting and enclose the following item:

Item No	Report Title	Page Nos
8.	Attleborough Link Road Study – Appendix D/Part 3 Report by Phil Mileham, Deputy Planning Manager. Unfortunately, due to the size of Appendix D, I have had to split the document into 9 parts – this is part 3 of 9. NB: There will be a limited number of hard copies available on the day.	196 - 257

Yours faithfully

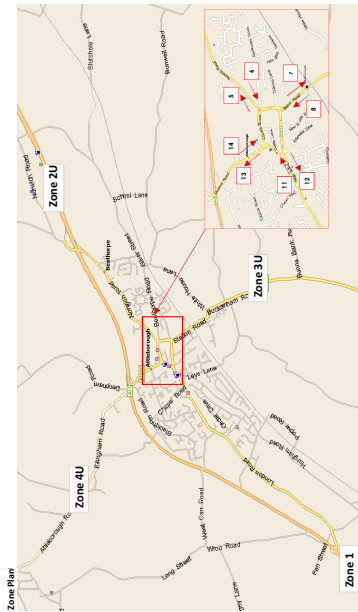
Julie Britton

Senior Committee Officer

Appendix A Existing Traffic Flows

Attleborough Transport Study

Routing



AM Peak		006		008		011		014		018		024	
Cars & LGVs		1	2	3	4	1	2	3	4	1	2	3	4
1	135	1	1	1	1	1	1	1	1	1	1	1	1
2	4	1	1	1	1	1	1	1	1	1	1	1	1
3	112	1	1	1	1	1	1	1	1	1	1	1	1
4	53	1	1	1	1	1	1	1	1	1	1	1	1
OTOTAL	173	1	1	1	1	1	1	1	1	1	1	1	1

AM Peak		005		007		012		015		021		027	
Cars & LGVs		1	2	3	4	1	2	3	4	1	2	3	4
1	4	1	1	1	1	1	1	1	1	1	1	1	1
2	18	1	1	1	1	1	1	1	1	1	1	1	1
3	37	1	1	1	1	1	1	1	1	1	1	1	1
4	3	1	1	1	1	1	1	1	1	1	1	1	1
OTOTAL	62	1	1	1	1	1	1	1	1	1	1	1	1

AM Peak		006		008		011		014		018		024	
Cars & LGVs		1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th></th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th>	2	3	4
1	12	1	1	1	1	1	1	1	1	1	1	1	1
2	14	1	1	1	1	1	1	1	1	1	1	1	1
3	14	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1
OTOTAL	41	1	1	1	1	1	1	1	1	1	1	1	1

AM Peak		005		007		012		015		021		027	
Cars & LGVs		1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th></th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th>	2	3	4
1	3	1	1	1	1	1	1	1	1	1	1	1	1
2	3	1	1	1	1	1	1	1	1	1	1	1	1
3	3	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1
OTOTAL	7	1	1	1	1	1	1	1	1	1	1	1	1

AM Peak		006		008		011		014		018		024	
Cars & LGVs		1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th></th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th>	2	3	4
1	3	1	1	1	1	1	1	1	1	1	1	1	1
2	3	1	1	1	1	1	1	1	1	1	1	1	1
3	3	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1
OTOTAL	7	1	1	1	1	1	1	1	1	1	1	1	1

AM Peak		005		007		012		015		021		027	
Cars & LGVs		1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th></th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th>	2	3	4
1	3	1	1	1	1	1	1	1	1	1	1	1	1
2	3	1	1	1	1	1	1	1	1	1	1	1	1
3	3	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1
OTOTAL	7	1	1	1	1	1	1	1	1	1	1	1	1

AM Peak		006		008		011		014		018		024	
Cars & LGVs		1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th></th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th>	2	3	4
1	3	1	1	1	1	1	1	1	1	1	1	1	1
2	3	1	1	1	1	1	1	1	1	1	1	1	1
3	3	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1
OTOTAL	7	1	1	1	1	1	1	1	1	1	1	1	1

AM Peak		005		007		012		015		021		027	
Cars & LGVs		1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th></th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th>	2	3	4
1	3	1	1	1	1	1	1	1	1	1	1	1	1
2	3	1	1	1	1	1	1	1	1	1	1	1	1
3	3	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1
OTOTAL	7	1	1	1	1	1	1	1	1	1	1	1	1

AM Peak		006		008		011		014		018		024	
Cars & LGVs		1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th></th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th>	2	3	4
1	3	1	1	1	1	1	1	1	1	1	1	1	1
2	3	1	1	1	1	1	1	1	1	1	1	1	1
3	3	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1
OTOTAL	7	1	1	1	1	1	1	1	1	1	1	1	1

AM Peak		005		007		012		015		021		027	
Cars & LGVs		1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th></th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th> <th>1 <th>2</th> <th>3</th> <th>4</th> </th>	2	3	4	1 <th>2</th> <th>3</th> <th>4</th>	2	3	4
1	3	1	1	1	1	1	1	1	1	1	1	1	1
2	3	1	1	1	1	1	1	1	1	1	1	1	1
3	3	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1
OTOTAL	7	1	1	1	1	1	1	1	1	1	1	1	1

Vehicle make or errors removed from Matrices 1

AM Peak		006		008		011		014		018		024	
Cars & LGVs		1	2	3	4	1	2	3	4	1	2	3	4
1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%
3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

AM Peak		005		007		012		015		021		027	
Cars & LGVs		1	2	3	4	1	2	3	4	1	2	3	4
1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
4	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%

AM Peak		006		008		011		014		018		024	
Cars & LGVs		1	2	3	4	1	2	3	4	1	2	3	4
1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
4	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%

AM Peak		005		007		012		015		021		027	
Cars & LGVs		1	2	3	4	1	2	3	4	1	2	3	4
1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
4	7%	7%	7%	7%	7%	7%	7%	7%	7%	7%	7%	7%	7%

Outer to Outer Matrix

AM Peak		006		008		011		014		018		024	
Cars & LGVs		1	2	3	4	1	2	3	4	1	2	3	4
1	1036	1	1	1	1	1	1	1	1	1	1	1	1
2	81	1	1	1	1	1	1	1	1	1	1	1	1
3	46	1	1	1	1	1	1	1	1	1	1	1	1
4	7	1	1	1	1	1	1	1	1	1	1	1	1
OTOTAL	743	1	1	1	1	1	1	1	1	1	1	1	1

AM Peak		005		007		012		015		021		027	
Cars & LGVs		1	2	3	4	1	2	3	4	1	2	3	4
1	131	1	1	1	1	1	1	1	1	1	1	1	1
2	10	1	1	1	1	1	1	1	1	1	1	1	1
3	4	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1
OTOTAL	73	1	1	1	1	1	1	1	1	1	1	1	1

AM Peak		006		008		011		014		018		024	
Cars & LGVs		1	2	3	4	1	2	3	4	1	2	3	4
1	131	1	1	1									



Midlands

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CAPITA SYMONDS ATTLEBOROUGH TRAFFIC SURVEY

SURVEY REPORT NOVEMBER 2012

PROJECT NO.	2478
CHECKED	M. O'REGAN
DATE	31/01/2013
CONTACT	N. TOONE
REVISION	

CONTENTS

Introduction

Drawings 2478-01 & 02

Appendix A – Vehicle Categories

Appendix B – Link Count Data

Appendix C – Inner Cordon Matrices

Appendix D – Outer Cordon Matrices

Appendix E – Outer to Inner Cordon Matrices

INTRODUCTION

Nationwide Data Collection (NDC) was instructed by Capita Symonds to undertake classified counts and registration plate surveys around Attleborough in Norfolk; a general location plan is given in Diagram 1.

Classified Counts

Two-way link counts were undertaken at the following locations:

- Site 1 – A11 north of Attleborough
- Site 2 – Norwich Road
- Site 3 – B1077 Station Road
- Site 4 – B1077 Buckenham Road
- Site 5 – High Street
- Site 6 – Queens Road
- Site 7 – Ellingham Road
- Site 8 – A11 south of Attleborough
- Site 9 – Hargham Road
- Site 10 – Leys Lane

The sites were surveyed using telescopically mounted video cameras from which the information was subsequently extracted. Details of the site locations are given in Drawing 2478-01.

The surveys were carried out on Tuesday 27th November 2012. The survey hours at sites 1 to 9 were 07:30 to 09:30 and 15:30 to 17:30. Sites 9 & 10 were surveyed from 07:00 to 19:00. All information was collected in fifteen-minute intervals and has been tabulated in Excel.

Vehicles were classified into the following categories:

Cars and taxis (**CAR**), Light Goods Vehicles (**LGV**), Other Goods Vehicles type 1 (**OGV1**), Other Goods Vehicles type 2 (**OGV2**), Public Service Vehicles (**PSV**).

A detailed description of the vehicles included in each category is included in Appendix A.

The results of the classified counts are contained in Appendix B.

Registration Plate Survey

Using telescopically mounted Automatic Number Plate Recognition (ANPR) cameras; full registrations of vehicles passing sites 1 to 8 were collected in real time (hh:mm:ss) with a 100 percent vehicle sample being targeted. Vehicles were categorised as follows:

Light Vehicles (**LV**) and Heavy Vehicles (**HV**).

Details of the vehicles included in each category are included in Appendix A. Details of the site numbering used for the individual registration plate files is given in Drawing 2478-02.

Trip Matrices

Using Micromatch three sets of trip matrices have been produced:

- 1 – Inner Cordon match
- 2 – Outer Cordon match
- 3 – Outer Cordon to Inner Cordon match

Trip matrices have been produced for each 15-minute period from 07:00 to 19:00, by vehicle type. All matrices are based on inbound time only and no limit has been set on trip duration, therefore a vehicle entering the cordon at 07:30 and departing at 09:00 will appear in the 07:30 to 07:45 matrix only.

Site Notes

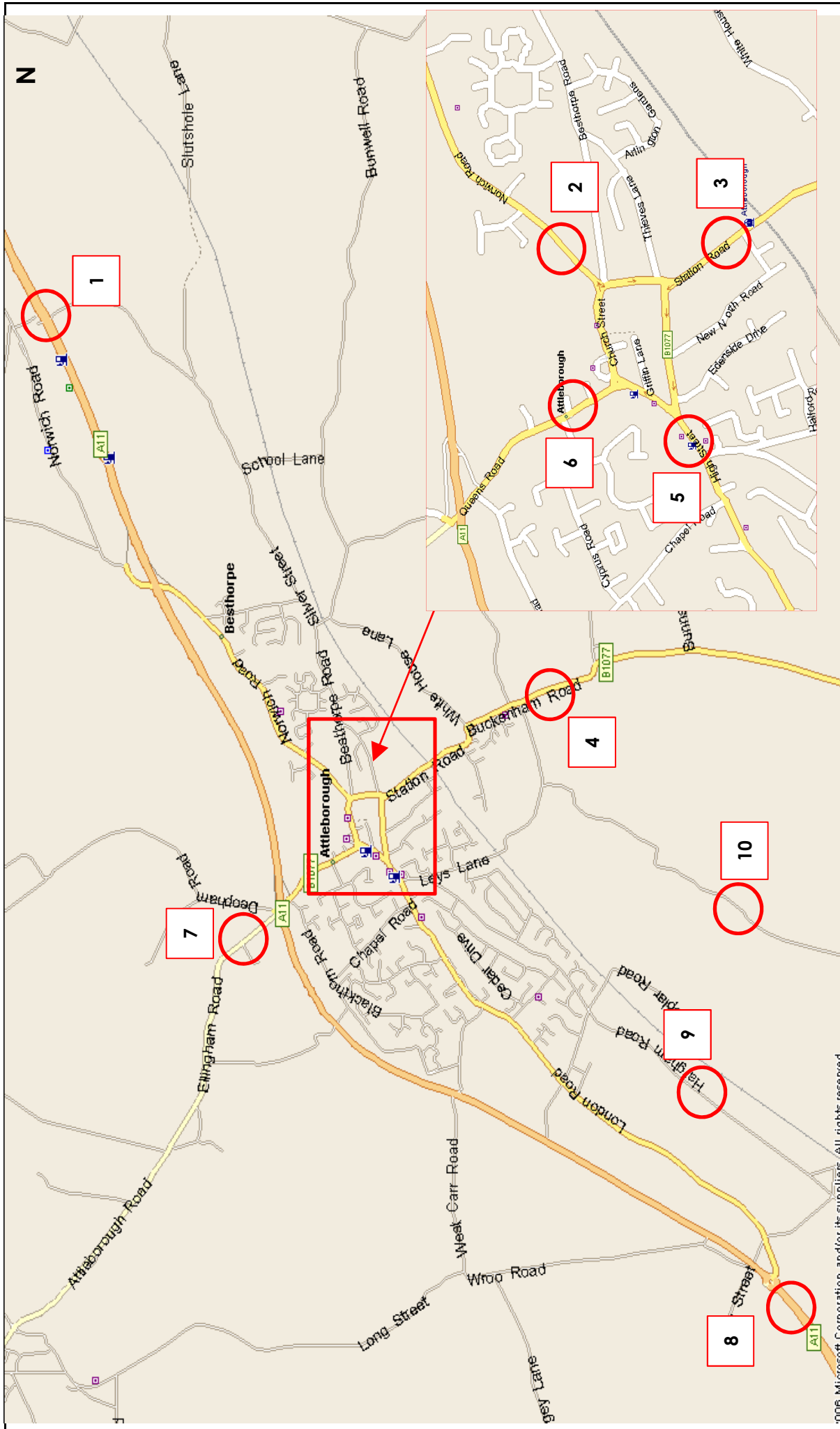
All results have been emailed to David James, david.james@capita.co.uk.

The weather was very poor with continuous rain throughout the survey. The poor conditions, coupled with large amounts of spray made it very difficult to obtain a high sample of registration plates especially on the high-speed A11 sites.

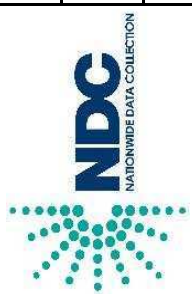
The ANPR cameras were switched over from infrared to daylight settings from around 08:15 to 08:30 as the lighting conditions slowly improved. Throughout this period there will be gaps in the data whilst the cameras were re-set.

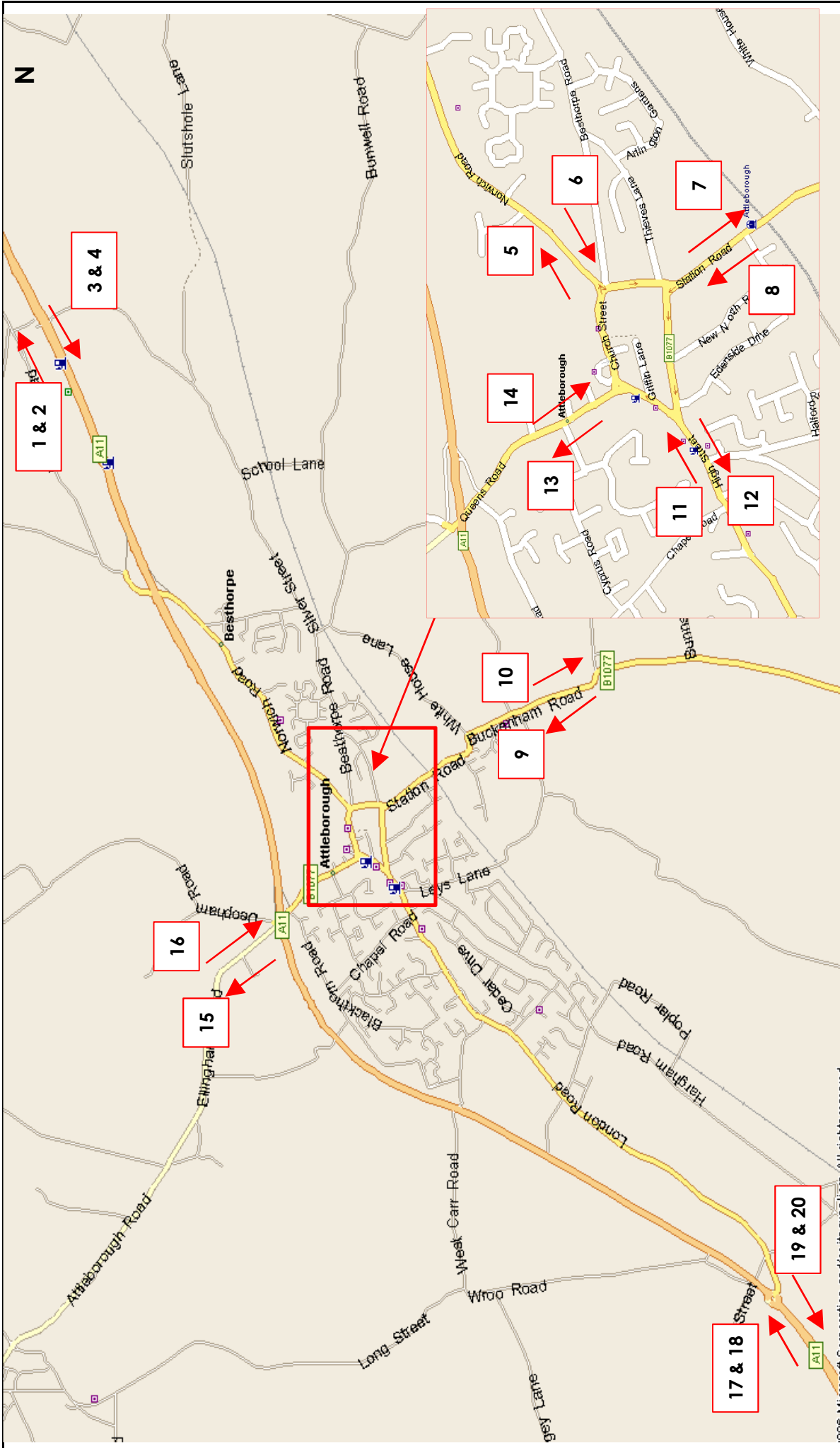
Diagram 1 – General Location Plan



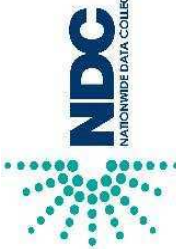


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	Site / Location: Sites 1 to 10	Project No.: 2478	Drawing No.: 2478-01	Drawn By: NT
	Survey Date: Tuesday 27th November 2012	Project Name: Attleborough		
	Survey Times: Sites 1 to 8 - 07:30 to 09:00 & 15:30 to 17:30 Sites 9 & 10 - 07:00 to 19:00	Drawing Title: Site Layout and Observed Movements		



















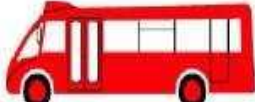
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	Site / Location: ANPR Sites 1 to 20	Project No.: 2478	Drawing No.: 2478-02	Drawn By: NT
	Survey Date: Tuesday 27th November 2012	Project Name: Attleborough		
Survey Times: 07:30 to 09:00 & 15:30 to 17:30	Drawing Title: ANPR Survey Locations			



APPENDIX A Vehicle Categories

COBA VEHICLE CATEGORIES

<p>CAR</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  SALOON </div> <div style="text-align: center;">  ESTATE </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">  PEOPLE CARRIER </div> <div style="text-align: center;">  CAR TOWING CARAVAN / TRAILER </div> </div>
<p>LIGHT GOODS VEHICLE (LGV)</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  VAN </div> <div style="text-align: center;">  <3.5 TONNES – single rear tyres </div> <div style="text-align: center;">  PICK-UP </div> </div>
<p>OTHER GOODS VEHICLE (OGV1)</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  > 3.5 TONNES – twin rear tyres </div> <div style="text-align: center;">  2-AXLES RIGID </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">  2-AXLES RIGID </div> <div style="text-align: center;">  3 AXLES-RIGID </div> </div>
<p>OTHER GOODS VEHICLE (OGV2)</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  4 OR MORE AXLES RIGID </div> <div style="text-align: center;">  3-AXLES ARTIC </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">  4 OR MORE AXLES ARTIC </div> <div style="text-align: center;">  OTHER GOODS VEHICLE WITH TRAILER </div> </div>
<p>BUSES & COACHES (PSV)</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  DOUBLE DECK BUS </div> <div style="text-align: center;">  SINGLE DECK BUS OR COACH </div> </div>

COBA VEHICLE CATEGORIES**Definition of Categories**

The various components of traffic have different characteristics in terms of operating costs, growth and occupancy. The most common categories into which the traffic is split in COBA; these are defined as:

Cars (CARS)

Including taxis, estate cars, 'people carriers' and other passenger vehicles (for example, minibuses and camper vans) with a gross vehicle weight of less than 3.5 tonnes, normally ones which can accommodate not more than 15 seats. Three-wheeled cars, motor invalid carriages, Land Rovers, Range Rovers and Jeeps and smaller ambulances are included. Cars towing caravans or trailers are counted as one vehicle unless included as a separate class.

Light Goods Vehicles (LGV)

Includes all goods vehicles up to 3.5 tonnes gross vehicle weight (goods vehicles over 3.5 tonnes have sideguards fitted between axles), including those towing a trailer or caravan. This includes all car delivery vans and those of the next larger carrying capacity such as transit vans. Included here are small pickup vans, three-wheeled goods vehicles, milk floats and pedestrian controlled motor vehicles. Most of this group is delivery vans of one type or another.

Other Goods Vehicles (OGV 1)

Includes all rigid vehicles over 3.5 tonnes gross vehicle weight with two or three axles. Includes larger ambulances, tractors (without trailers), road rollers for tarmac pressing, box vans and similar large vans. A two or three axle motor tractive unit without a trailer is also included.

Other Goods Vehicles (OGV 2)

This category includes all rigid vehicles with four or more axles and all articulated vehicles. Also included in this class are OGV1 goods vehicles towing a caravan or trailer.

Buses and Coaches (PSV)

Includes all public service vehicles and works buses with a gross vehicle weight of 3.5 tonnes or more, usually vehicles with more than 16 seats.



APPENDIX B

Link Count Data



**2478 / ATTLEBOROUGH
NOVEMBER 2012
CLASSIFIED TURNING COUNT**

SITE: 1

DATE: 27/11/2012

LOCATION: All north of Attleborough

DAY: Tuesday

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
07:30	317	55	22	12	0	406	298	59	14	15	2	388
07:45	371	64	30	14	1	480	337	63	20	5	3	428
08:00	488	63	31	11	0	593	358	64	12	11	0	445
08:15	381	45	27	8	5	466	313	64	11	13	1	402
08:30	343	43	21	24	1	432	262	46	10	11	0	329
08:45	269	49	16	13	1	348	262	44	13	21	1	341
09:00	253	42	18	12	0	325	209	58	14	26	3	310
09:15	239	36	21	15	2	313	189	48	9	19	1	266
P/TOT	2661	397	186	109	10	3363	2228	446	103	121	11	2909

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
15:30	239	60	17	14	0	330	250	50	16	15	0	331
15:45	227	53	13	16	1	310	234	53	19	12	3	321
16:00	229	61	13	10	3	316	261	58	7	19	0	345
16:15	268	45	12	7	1	333	251	48	11	7	1	318
16:30	292	46	12	9	0	359	310	36	15	8	0	369
16:45	311	41	10	10	0	372	274	31	9	11	1	326
17:00	323	34	5	13	0	375	341	42	16	14	1	414
17:15	345	38	8	11	3	405	354	35	18	13	0	420
P/TOT	2234	378	90	90	8	2800	2275	353	111	99	6	2844

Combined LV/HV categories for ANPR

TIME	NORTHBOUND		SOUTHBOUND	
	LV	HV	LV	HV
07:30	372	34	357	31
07:45	435	45	400	28
08:00	551	42	422	23
08:15	426	40	377	25
08:30	386	46	308	21
08:45	318	30	306	35
09:00	295	30	267	43
09:15	275	38	237	29
P/TOT	3058	305	2674	235

TIME	NORTHBOUND		SOUTHBOUND	
	LV	HV	LV	HV
15:30	299	31	300	31
15:45	280	30	287	34
16:00	290	26	319	26
16:15	313	20	299	19
16:30	338	21	346	23
16:45	352	20	305	21
17:00	357	18	383	31
17:15	383	22	389	31
P/TOT	2612	188	2628	216



**2478 / ATTLEBOROUGH
NOVEMBER 2012
CLASSIFIED TURNING COUNT**

SITE: 2

DATE: 27/11/2012

LOCATION: Norwich Road

DAY: Tuesday

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
07:30	63	11	0	0	2	76	53	16	1	0	1	71
07:45	37	5	1	0	2	45	51	11	2	2	0	66
08:00	87	12	2	0	0	101	60	10	2	0	1	73
08:15	67	4	1	0	5	77	104	18	2	0	3	127
08:30	53	3	1	0	2	59	112	12	1	1	1	127
08:45	46	5	1	2	1	55	107	12	2	1	0	122
09:00	41	9	1	0	0	51	63	8	3	2	2	78
09:15	45	5	4	0	2	56	72	10	3	0	1	86
P/TOT	439	54	11	2	14	520	622	97	16	6	9	750

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
15:30	53	4	1	0	3	61	94	10	0	1	1	106
15:45	41	6	0	0	1	48	82	14	2	3	3	104
16:00	59	6	0	0	3	68	93	17	2	1	0	113
16:15	61	12	0	0	0	73	79	9	0	0	2	90
16:30	66	9	2	0	3	80	96	13	2	0	2	113
16:45	75	9	2	2	0	88	103	15	2	0	1	121
17:00	82	9	0	0	2	93	109	9	0	0	1	119
17:15	79	6	1	1	0	87	133	9	1	0	3	146
P/TOT	516	61	6	3	12	598	789	96	9	5	13	912

Combined LV/HV categories for ANPR

TIME	NORTHBOUND		SOUTHBOUND	
	LV	HV	LV	HV
07:30	74	2	69	2
07:45	42	3	62	4
08:00	99	2	70	3
08:15	71	6	122	5
08:30	56	3	124	3
08:45	51	4	119	3
09:00	50	1	71	7
09:15	50	6	82	4
P/TOT	493	27	719	31

TIME	NORTHBOUND		SOUTHBOUND	
	LV	HV	LV	HV
15:30	57	4	104	2
15:45	47	1	96	8
16:00	65	3	110	3
16:15	73	0	88	2
16:30	75	5	109	4
16:45	84	4	118	3
17:00	91	2	118	1
17:15	85	2	142	4
P/TOT	577	21	885	27



**2478 / ATTLEBOROUGH
NOVEMBER 2012
CLASSIFIED TURNING COUNT**

SITE: 3

DATE: 27/11/2012

LOCATION: B1077 Station Road

DAY: Tuesday

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
07:30	100	9	2	1	1	113	93	19	4	1	0	117
07:45	70	5	2	1	0	78	74	8	2	2	0	86
08:00	88	11	5	4	0	108	78	18	5	6	0	107
08:15	96	13	5	4	0	118	114	19	8	4	0	145
08:30	92	12	4	4	1	113	104	14	7	3	0	128
08:45	84	9	4	1	1	99	68	14	4	2	3	91
09:00	89	16	5	2	0	112	88	17	4	5	1	115
09:15	69	20	3	2	0	94	75	16	7	1	0	99
P/TOT	688	95	30	19	3	835	694	125	41	24	4	888

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
15:30	99	7	5	1	0	112	81	14	3	2	0	100
15:45	69	6	1	0	2	78	42	13	1	3	0	59
16:00	103	23	5	2	1	134	92	22	5	3	0	122
16:15	73	13	3	1	0	90	77	8	4	2	1	92
16:30	134	11	3	3	1	152	96	7	6	0	0	109
16:45	103	14	6	3	0	126	94	13	5	2	0	114
17:00	82	6	3	1	0	92	54	11	1	1	1	68
17:15	91	11	3	1	0	106	71	7	3	0	1	82
P/TOT	754	91	29	12	4	890	607	95	28	13	3	746

Combined LV/HV categories for ANPR

TIME	NORTHBOUND		SOUTHBOUND	
	LV	HV	LV	HV
07:30	109	4	112	5
07:45	75	3	82	4
08:00	99	9	96	11
08:15	109	9	133	12
08:30	104	9	118	10
08:45	93	6	82	9
09:00	105	7	105	10
09:15	89	5	91	8
P/TOT	783	52	819	69

TIME	NORTHBOUND		SOUTHBOUND	
	LV	HV	LV	HV
15:30	106	6	95	5
15:45	75	3	55	4
16:00	126	8	114	8
16:15	86	4	85	7
16:30	145	7	103	6
16:45	117	9	107	7
17:00	88	4	65	3
17:15	102	4	78	4
P/TOT	845	45	702	44



**2478 / ATTLEBOROUGH
NOVEMBER 2012
CLASSIFIED TURNING COUNT**

SITE: 4

DATE: 27/11/2012

LOCATION: B1077 Buckenham Road

DAY: Tuesday

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
07:30	47	3	2	1	0	53	52	12	2	0	1	67
07:45	50	12	0	0	0	62	34	5	3	0	0	42
08:00	35	13	4	0	0	52	41	13	4	1	0	59
08:15	60	8	4	0	0	72	61	13	6	0	0	80
08:30	65	8	4	2	1	80	44	9	2	2	0	57
08:45	67	14	2	1	1	85	24	5	0	2	0	31
09:00	47	4	2	1	0	54	34	13	4	2	0	53
09:15	31	10	3	0	0	44	38	10	5	2	0	55
P/TOT	402	72	21	5	2	502	328	80	26	9	1	444

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
15:30	39	4	2	0	0	45	50	9	3	2	0	64
15:45	34	4	1	0	0	39	17	7	1	0	1	26
16:00	39	5	4	2	0	50	71	10	6	1	0	88
16:15	63	7	3	2	1	76	46	6	3	2	0	57
16:30	92	8	9	1	1	111	37	4	2	1	0	44
16:45	61	2	4	1	0	68	62	10	4	1	0	77
17:00	43	6	1	0	0	50	34	6	0	1	0	41
17:15	54	6	2	0	0	62	53	12	3	0	0	68
P/TOT	425	42	26	6	2	501	370	64	22	8	1	465

Combined LV/HV categories for ANPR

TIME	NORTHBOUND		SOUTHBOUND	
	LV	HV	LV	HV
07:30	50	3	64	3
07:45	62	0	39	3
08:00	48	4	54	5
08:15	68	4	74	6
08:30	73	7	53	4
08:45	81	4	29	2
09:00	51	3	47	6
09:15	41	3	48	7
P/TOT	474	28	408	36

TIME	NORTHBOUND		SOUTHBOUND	
	LV	HV	LV	HV
15:30	43	2	59	5
15:45	38	1	24	2
16:00	44	6	81	7
16:15	70	6	52	5
16:30	100	11	41	3
16:45	63	5	72	5
17:00	49	1	40	1
17:15	60	2	65	3
P/TOT	467	34	434	31



**2478 / ATTLEBOROUGH
NOVEMBER 2012
CLASSIFIED TURNING COUNT**

SITE: 5

DATE: 27/11/2012

LOCATION: High Street

DAY: Tuesday

TIME	EASTBOUND					TOT	WESTBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
07:30	96	24	3	1	0	124	52	17	1	1	3	74
07:45	88	19	2	0	0	109	45	12	0	0	0	57
08:00	134	17	1	2	0	154	80	15	4	0	1	100
08:15	125	10	3	2	1	141	94	16	5	0	1	116
08:30	112	13	2	1	0	128	104	20	3	1	0	128
08:45	81	12	2	1	2	98	120	15	4	0	0	139
09:00	101	12	5	1	1	120	105	14	2	1	1	123
09:15	94	10	0	0	0	104	102	13	5	2	4	126
P/TOT	831	117	18	8	4	978	702	122	24	5	10	863

TIME	EASTBOUND					TOT	WESTBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
15:30	81	11	1	2	0	95	180	11	8	1	1	201
15:45	93	15	0	2	0	110	110	15	2	0	4	131
16:00	115	15	2	0	1	133	131	27	2	0	1	161
16:15	113	16	7	1	0	137	135	15	1	1	1	153
16:30	93	21	1	0	0	115	134	18	1	1	1	155
16:45	124	10	1	1	0	136	147	24	4	0	1	176
17:00	118	27	2	0	1	148	136	14	1	1	1	153
17:15	102	14	2	1	0	119	137	16	2	1	2	158
P/TOT	839	129	16	7	2	993	1110	140	21	5	12	1288

Combined LV/HV categories for ANPR

TIME	EASTBOUND		WESTBOUND	
	LV	HV	LV	HV
07:30	120	4	69	5
07:45	107	2	57	0
08:00	151	3	95	5
08:15	135	6	110	6
08:30	125	3	124	4
08:45	93	5	135	4
09:00	113	7	119	4
09:15	104	0	115	11
P/TOT	948	30	824	39

TIME	EASTBOUND		WESTBOUND	
	LV	HV	LV	HV
15:30	92	3	191	10
15:45	108	2	125	6
16:00	130	3	158	3
16:15	129	8	150	3
16:30	114	1	152	3
16:45	134	2	171	5
17:00	145	3	150	3
17:15	116	3	153	5
P/TOT	968	25	1250	38



**2478 / ATTLEBOROUGH
NOVEMBER 2012
CLASSIFIED TURNING COUNT**

SITE: 6

DATE: 27/11/2012

LOCATION: Queens Road

DAY: Tuesday

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
07:30	63	23	3	0	0	89	56	12	1	0	2	71
07:45	52	9	2	0	0	63	55	12	1	2	1	71
08:00	82	19	4	0	0	105	65	11	6	3	2	87
08:15	84	15	4	3	1	107	103	13	3	3	4	126
08:30	85	7	1	3	1	97	82	2	0	1	1	86
08:45	62	8	4	0	1	75	68	11	1	1	1	82
09:00	74	12	2	1	0	89	58	9	3	2	1	73
09:15	81	19	2	0	0	102	57	8	2	0	3	70
P/TOT	583	112	22	7	3	727	544	78	17	12	15	666

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
15:30	109	8	1	0	1	119	58	5	2	0	2	67
15:45	75	6	0	0	0	81	46	10	1	1	3	61
16:00	93	12	2	1	1	109	52	10	1	0	1	64
16:15	100	22	3	2	0	127	62	10	1	1	1	75
16:30	98	15	0	2	2	117	56	9	0	0	1	66
16:45	94	13	1	4	0	112	55	11	4	1	0	71
17:00	101	14	2	0	0	117	76	4	1	1	3	85
17:15	96	9	2	1	1	109	57	10	2	0	1	70
P/TOT	766	99	11	10	5	891	462	69	12	4	12	559

Combined LV/HV categories for ANPR

TIME	NORTHBOUND		SOUTHBOUND	
	LV	HV	LV	HV
07:30	86	3	68	3
07:45	61	2	67	4
08:00	101	4	76	11
08:15	99	8	116	10
08:30	92	5	84	2
08:45	70	5	79	3
09:00	86	3	67	6
09:15	100	2	65	5
P/TOT	695	32	622	44

TIME	NORTHBOUND		SOUTHBOUND	
	LV	HV	LV	HV
15:30	117	2	63	4
15:45	81	0	56	5
16:00	105	4	62	2
16:15	122	5	72	3
16:30	113	4	65	1
16:45	107	5	66	5
17:00	115	2	80	5
17:15	105	4	67	3
P/TOT	865	26	531	28



**2478 / ATTLEBOROUGH
NOVEMBER 2012
CLASSIFIED TURNING COUNT**

SITE: 7

DATE: 27/11/2012

LOCATION: Ellingham Road

DAY: Tuesday

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
07:30	109	13	5	1	0	128	61	11	0	2	1	75
07:45	79	9	2	0	1	91	93	17	4	2	0	116
08:00	98	16	3	3	0	120	130	17	9	0	2	158
08:15	69	13	4	7	0	93	130	7	6	2	2	147
08:30	82	9	5	2	0	98	91	4	3	1	1	100
08:45	63	11	5	1	0	80	89	7	2	3	0	101
09:00	63	6	6	0	0	75	76	8	6	1	0	91
09:15	54	13	7	2	0	76	72	9	4	0	0	85
P/TOT	617	90	37	16	1	761	742	80	34	11	6	873

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
15:30	62	12	2	1	3	80	78	10	3	0	1	92
15:45	71	3	3	0	0	77	55	14	2	1	0	72
16:00	56	10	4	1	1	72	58	11	3	0	0	72
16:15	72	15	2	1	0	90	52	11	2	0	0	65
16:30	86	7	1	0	2	96	66	11	4	1	0	82
16:45	72	8	1	2	0	83	73	9	2	1	1	86
17:00	74	6	2	0	0	82	104	11	3	1	0	119
17:15	79	11	2	1	0	93	76	8	2	0	1	87
P/TOT	572	72	17	6	6	673	562	85	21	4	3	675

Combined LV/HV categories for ANPR

TIME	NORTHBOUND		SOUTHBOUND	
	LV	HV	LV	HV
07:30	122	6	72	3
07:45	88	3	110	6
08:00	114	6	147	11
08:15	82	11	137	10
08:30	91	7	95	5
08:45	74	6	96	5
09:00	69	6	84	7
09:15	67	9	81	4
P/TOT	707	54	822	51

TIME	NORTHBOUND		SOUTHBOUND	
	LV	HV	LV	HV
15:30	74	6	88	4
15:45	74	3	69	3
16:00	66	6	69	3
16:15	87	3	63	2
16:30	93	3	77	5
16:45	80	3	82	4
17:00	80	2	115	4
17:15	90	3	84	3
P/TOT	644	29	647	28



**2478 / ATTLEBOROUGH
NOVEMBER 2012
CLASSIFIED TURNING COUNT**

SITE: 8

DATE: 27/11/2012

LOCATION: All south of Attleborough

DAY: Tuesday

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
07:30	196	58	21	19	0	294	285	61	20	15	6	387
07:45	281	58	20	12	0	371	312	58	23	8	2	403
08:00	290	45	31	12	2	380	307	52	14	9	0	382
08:15	232	48	26	17	0	323	277	52	7	14	0	350
08:30	207	52	18	21	2	300	251	44	11	16	0	322
08:45	181	41	17	13	0	252	201	43	11	14	1	270
09:00	171	38	17	13	0	239	177	44	18	21	0	260
09:15	168	45	15	16	1	245	165	50	13	25	1	254
P/TOT	1726	385	165	123	5	2404	1975	404	117	122	10	2628

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
15:30	153	75	14	18	1	261	185	33	16	18	0	252
15:45	215	42	16	17	1	291	159	54	16	13	2	244
16:00	213	69	12	8	5	307	177	53	14	15	1	260
16:15	204	72	13	9	0	298	179	58	14	10	1	262
16:30	225	73	10	11	0	319	192	55	9	11	0	267
16:45	249	60	10	7	3	329	206	43	8	7	0	264
17:00	270	74	10	13	1	368	230	45	15	11	1	302
17:15	295	61	5	10	0	371	252	38	12	11	1	314
P/TOT	1824	526	90	93	11	2544	1580	379	104	96	6	2165

Combined LV/HV categories for ANPR

TIME	NORTHBOUND		SOUTHBOUND	
	LV	HV	LV	HV
07:30	254	40	346	41
07:45	339	32	370	33
08:00	335	45	359	23
08:15	280	43	329	21
08:30	259	41	295	27
08:45	222	30	244	26
09:00	209	30	221	39
09:15	213	32	215	39
P/TOT	2111	293	2379	249

TIME	NORTHBOUND		SOUTHBOUND	
	LV	HV	LV	HV
15:30	228	33	218	34
15:45	257	34	213	31
16:00	282	25	230	30
16:15	276	22	237	25
16:30	298	21	247	20
16:45	309	20	249	15
17:00	344	24	275	27
17:15	356	15	290	24
P/TOT	2350	194	1959	206

SITE: 9

DATE: 27/11/2012

LOCATION: Hargham Road

DAY: Tuesday

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
07:00	3	4	0	0	0	7	9	2	0	0	0	11
07:15	8	1	0	0	0	9	8	4	0	0	0	12
07:30	10	1	0	0	0	11	5	3	0	0	0	8
07:45	16	2	0	0	0	18	11	1	0	0	0	12
H/TOT	37	8	0	0	0	45	33	10	0	0	0	43
08:00	13	1	0	0	0	14	25	0	0	0	0	25
08:15	16	1	0	0	0	17	14	0	2	0	0	16
08:30	13	2	0	0	0	15	15	0	0	0	0	15
08:45	13	1	0	0	0	14	13	4	0	0	0	17
H/TOT	55	5	0	0	0	60	67	4	2	0	0	73
09:00	18	0	0	0	0	18	11	0	0	0	0	11
09:15	10	0	0	0	0	10	7	0	0	0	0	7
09:30	11	3	0	0	0	14	4	0	0	0	0	4
09:45	13	1	0	0	0	14	5	1	0	0	0	6
H/TOT	52	4	0	0	0	56	27	1	0	0	0	28
10:00	11	1	0	0	0	12	6	1	0	0	0	7
10:15	8	3	0	0	0	11	7	3	1	0	0	11
10:30	13	0	1	0	0	14	12	0	0	0	0	12
10:45	12	2	0	0	0	14	6	0	0	0	0	6
H/TOT	44	6	1	0	0	51	31	4	1	0	0	36
11:00	11	0	0	0	0	11	10	1	2	0	0	13
11:15	7	1	0	0	0	8	7	1	1	0	0	9
11:30	7	2	0	0	0	9	13	1	1	0	0	15
11:45	8	1	0	0	0	9	10	0	0	0	0	10
H/TOT	33	4	0	0	0	37	40	3	4	0	0	47
12:00	6	0	0	0	0	6	14	0	0	0	0	14
12:15	8	1	0	0	0	9	5	0	0	0	0	5
12:30	3	1	0	0	0	4	7	0	0	0	0	7
12:45	12	2	0	0	0	14	11	0	0	0	0	11
H/TOT	29	4	0	0	0	33	37	0	0	0	0	37
13:00	8	1	0	0	0	9	9	2	0	0	0	11
13:15	14	1	0	0	0	15	2	1	2	0	0	5
13:30	9	0	0	0	0	9	7	1	0	0	0	8
13:45	11	1	0	0	0	12	6	2	0	0	0	8
H/TOT	42	3	0	0	0	45	24	6	2	0	0	32
14:00	12	0	0	0	0	12	14	3	0	0	0	17
14:15	8	3	0	0	0	11	14	0	2	0	0	16
14:30	7	0	1	0	0	8	9	1	0	0	0	10
14:45	5	2	0	0	0	7	8	0	0	0	0	8
H/TOT	32	5	1	0	0	38	45	4	2	0	0	51
15:00	13	1	0	0	0	14	8	1	0	0	0	9
15:15	21	2	0	0	0	23	15	1	0	0	0	16
15:30	18	0	0	0	0	18	6	3	1	0	0	10
15:45	13	1	0	0	0	14	7	2	0	0	0	9
H/TOT	65	4	0	0	0	69	36	7	1	0	0	44
16:00	7	1	0	0	0	8	18	2	1	0	0	21
16:15	13	2	0	0	0	15	8	0	0	0	0	8
16:30	10	0	1	0	0	11	18	0	0	0	0	18
16:45	12	1	1	0	0	14	13	0	0	0	0	13
H/TOT	42	4	2	0	0	48	57	2	1	0	0	60
17:00	14	0	0	0	0	14	19	0	0	0	0	19
17:15	14	0	0	0	0	14	23	0	0	0	0	23
17:30	12	0	0	0	0	12	13	1	0	0	0	14
17:45	10	1	0	0	0	11	8	0	0	0	0	8
H/TOT	50	1	0	0	0	51	63	1	0	0	0	64
18:00	19	1	1	0	0	21	13	0	0	0	0	13
18:15	12	0	0	0	0	12	6	0	0	0	0	6
18:30	10	0	0	0	0	10	5	0	0	0	0	5
18:45	11	0	1	0	0	12	8	0	0	0	0	8
H/TOT	52	1	2	0	0	55	32	0	0	0	0	32
P/TOT	533	49	6	0	0	588	492	42	13	0	0	547

SITE: 10

DATE: 27/11/2012

LOCATION: Leys Lane

DAY: Tuesday

TIME	NORTHBOUND					TOT	SOUTHBOUND					TOT
	CAR	LGV	OGV1	OGV2	PSV		CAR	LGV	OGV1	OGV2	PSV	
07:00	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	1	0	0	0	1
07:30	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	1	0	0	0	1
08:00	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	2	1	0	0	3	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	1	1	0	0	2
08:45	3	1	2	0	0	6	0	0	0	0	0	0
H/TOT	3	3	3	0	0	9	0	1	1	0	0	2
09:00	1	0	0	0	0	1	1	0	1	0	0	2
09:15	0	0	0	0	0	0	1	1	1	0	0	3
09:30	0	1	0	0	0	1	0	0	1	0	0	1
09:45	0	0	0	0	0	0	0	1	0	0	0	1
H/TOT	1	1	0	0	0	2	2	2	3	0	0	7
10:00	0	2	0	0	0	2	0	2	0	0	0	2
10:15	0	0	1	0	0	1	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	1	0	0	1
10:45	0	0	1	0	0	1	0	1	0	0	0	1
H/TOT	0	2	2	0	0	4	0	3	1	0	0	4
11:00	0	1	0	0	0	1	0	0	0	0	0	0
11:15	0	0	2	0	0	2	1	0	1	0	0	2
11:30	1	0	0	0	0	1	1	0	1	0	0	2
11:45	0	0	0	0	0	0	1	0	0	0	0	1
H/TOT	1	1	2	0	0	4	3	0	2	0	0	5
12:00	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	1	1	0	0	2	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	1	0	0	1
12:45	1	0	1	0	0	2	0	0	0	0	0	0
H/TOT	1	1	2	0	0	4	0	0	1	0	0	1
13:00	0	0	0	0	0	0	1	0	0	0	0	1
13:15	0	0	2	0	0	2	1	0	1	0	0	2
13:30	0	0	0	0	0	0	0	0	2	0	0	2
13:45	1	0	0	0	0	1	0	0	0	0	0	0
H/TOT	1	0	2	0	0	3	2	0	3	0	0	5
14:00	0	0	0	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	1	0	0	0	1
14:30	0	0	0	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	1	0	0	0	1
15:00	0	2	0	0	0	2	0	1	0	0	0	1
15:15	0	0	0	0	0	0	0	0	0	0	0	0
15:30	2	0	0	0	0	2	1	0	0	0	0	1
15:45	1	0	0	0	0	1	1	1	0	0	0	2
H/TOT	3	2	0	0	0	5	2	2	0	0	0	4
16:00	0	0	0	0	0	0	2	0	0	0	0	2
16:15	0	1	0	0	0	1	0	0	0	0	0	0
16:30	0	1	0	0	0	1	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	2	0	0	0	2	2	0	0	0	0	2
17:00	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	2	0	0	0	0	2
17:45	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	2	0	0	0	0	2
18:00	1	0	0	0	0	1	0	0	0	0	0	0
18:15	1	0	0	0	0	1	1	0	0	0	0	1
18:30	0	0	0	0	0	0	2	0	0	0	0	2
18:45	4	1	0	0	0	5	0	0	0	0	0	0
H/TOT	6	1	0	0	0	7	3	0	0	0	0	3
P/TOT	16	13	11	0	0	40	16	10	11	0	0	37



APPENDIX C Inner Cordon Matrices



**2478 / ATTLEBOROUGH
NOVEMBER 2012
SUMMARY OF MATCHED PLATES**

LOCATION: Inner Cordon

DATE: 27/11/2012

DAY: Tuesday

Time Period: 07:30 to 09:30

No	Direction	Location	Recs	Match	Unmatch	Selected	%Match
5	○	SITE 2 EB	1132	363	68	431	84.2%
6		SITE 2 WB	1417	549	147	696	78.9%
7	○	SITE 3 SB	1612	686	152	838	81.9%
8		SITE 3 NB	1297	459	183	642	71.5%
11		SITE 5 EB	1962	694	271	965	71.9%
12	○	SITE 5 WB	2038	581	217	798	72.8%
13	○	SITE 6 NB	1538	513	172	685	74.9%
14		SITE 6 SB	1187	441	199	640	68.9%

Time Period: 15:30 to 17:30

No	Direction	Location	Recs	Match	Unmatch	Selected	%Match
5	○	SITE 2 EB	1132	319	236	555	57.5%
6		SITE 2 WB	1417	413	272	685	60.3%
7	○	SITE 3 SB	1612	398	321	719	55.4%
8		SITE 3 NB	1297	462	191	653	70.8%
11		SITE 5 EB	1962	655	296	951	68.9%
12	○	SITE 5 WB	2038	620	618	1238	50.1%
13	○	SITE 6 NB	1538	559	289	848	65.9%
14		SITE 6 SB	1187	366	141	507	72.2%

Notes

This is not a closed cordon, there are large housing estates on Besthorpe Road and Thieves Lane, not covered by the survey.



LOCATION: Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	07:30
TYPE	LV

Count of REG	Out Site				Total
In Site	005	007	012	013	
006	3	36	16	5	60
008	17	2	8	25	52
011	34	28	11	35	108
014	11	28	13	2	54
Total	65	94	48	67	274

IN PERIOD	07:45
TYPE	LV

Count of REG	Out Site				Total
In Site	005	007	012	013	
006		30	18	4	52
008	7		16	22	45
011	20	20	8	29	77
014	8	19	10	9	46
Total	35	69	52	64	220

IN PERIOD	08:00
TYPE	LV

Count of REG	Out Site				Total
In Site	005	007	012	013	
006	3	12	11	11	37
008	6	3	5	13	27
011	24	28	13	24	89
014	7	21	9	11	48
Total	40	64	38	59	201

IN PERIOD	08:15
TYPE	LV

Count of REG	Out Site				Total
In Site	005	007	012	013	
006	5	41	38	4	88
008	15	3	14	34	66
011	27	23	28	25	103
014	17	27	19	17	80
Total	64	94	99	80	337



LOCATION: Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	08:30
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
006	5	44	31	13	93
008	11	3	32	17	63
011	13	34	35	18	100
014	10	17	17	16	60
Total	39	98	115	64	316

IN PERIOD	08:45
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
006	1	43	44	3	91
008	10	2	15	16	43
011	17	21	6	23	67
014	9	16	8	5	38
Total	37	82	73	47	239

IN PERIOD	09:00
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
006	2	20	24	3	49
008	12	4	30	21	67
011	18	26	7	22	73
014	4	23	8	9	44
Total	36	73	69	55	233

IN PERIOD	09:15
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
006		25	28	5	58
008	6	1	27	22	56
011	13	14	1	22	50
014	5	22	5	1	33
Total	24	62	61	50	197

LOCATION: Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	07:30
TYPE	HV

Count of REG	Out Site			Total
	In Site	005	007	
006		1	1	2
008	1	1	1	3
011		2	1	3
014	1	1		2
Total	2	5	3	10

IN PERIOD	07:45
TYPE	HV

Count of REG	Out Site				Total
	In Site	005	007	012	
006		1	1		2
011			1		1
014	2	1			3
Total	2	3	1	1	7

IN PERIOD	08:00
TYPE	HV

Count of REG	Out Site				Total
	In Site	005	007	012	
006				2	2
008					3
011	1	1			2
014	2	9			11
Total	3	10	2	3	18

IN PERIOD	08:15
TYPE	HV

Count of REG	Out Site				Total
	In Site	005	007	012	
006	1	1			3
008				3	5
011		4			1
014	3	1	1		6
Total	4	6	4	8	22



LOCATION: Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	08:30
TYPE	HV

Count of REG In Site	Out Site 005	007	012	013	Total
006		1			1
008	3		2	3	8
011		1		2	3
014		1			1
Total	3	3	2	5	13

IN PERIOD	08:45
TYPE	HV

Count of REG In Site	Out Site 005	007	012	013	Total
006		2			2
008	3		2	1	6
011		4		2	6
014		3	1		4
Total	3	9	3	3	18

IN PERIOD	09:00
TYPE	HV

Count of REG In Site	Out Site 005	007	012	013	Total
006		3	2	1	6
008	1		3	2	6
011	2	3		1	6
014	1	5		1	7
Total	4	11	5	5	25

IN PERIOD	09:15
TYPE	HV

Count of REG In Site	Out Site 005	007	012	013	Total
006		2	1		3
008			4	2	6
014	2	1	1		4
Total	2	3	6	2	13



LOCATION: Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	15:30
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
006	5	17	40	9	71
008	10	4	26	26	66
011	11	19	15	29	74
014	5	12	16	16	49
Total	31	52	97	80	260

IN PERIOD	15:45
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
006	7	21	26	8	62
008	7	3	17	13	40
011	21	20	11	24	76
014	7	18	9	13	47
Total	42	62	63	58	225

IN PERIOD	16:00
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
006	1	11	14	3	29
008	9	2	29	29	69
011	22	19	15	32	88
014	6	13	16	12	47
Total	38	45	74	76	233

IN PERIOD	16:15
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
006		1	10	4	15
008	3	3	17	19	42
011	27	9	20	29	85
014	8	3	17	12	40
Total	38	16	64	64	182



LOCATION: Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	16:30
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
006		4	4	3	11
008	9	3	27	21	60
011	23	15	8	31	77
014	7	9	12	9	37
Total	39	31	51	64	185

IN PERIOD	16:45
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
006	1	19	48	7	75
008	9	2	22	32	65
011	25	43	8	24	100
014	7	19	13	9	48
Total	42	83	91	72	288

IN PERIOD	17:00
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
006	1	13	42	9	65
008	4		22	18	44
011	23	24	10	36	93
014	16	16	11	17	60
Total	44	53	85	80	262

IN PERIOD	17:15
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
006	2	25	44	5	76
008	4	1	21	23	49
011	23	12	1	20	56
014	9	14	7	4	34
Total	38	52	73	52	215

LOCATION: Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	15:30
TYPE	HV

Count of REG In Site	Out Site 005	012	013	Total
006		1		1
008	1	3	1	5
014	2			2
Total	3	4	1	8

IN PERIOD	15:45
TYPE	HV

Count of REG In Site	Out Site 007	012	013	Total
006	1	2	1	4
008		1		1
011	1		1	2
Total	2	3	2	7

IN PERIOD	16:00
TYPE	HV

Count of REG In Site	Out Site 012	013	Total
008	3	4	7
Total	3	4	7

IN PERIOD	16:15
TYPE	HV

Count of REG In Site	Out Site 013	Total
008	1	1
011	2	2
Total	3	3

LOCATION: Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	16:30
TYPE	HV

Count of REG	Out Site			
In Site	005	012	013	Total
008	3	1	1	5
Total	3	1	1	5

IN PERIOD	16:45
TYPE	HV

Count of REG	Out Site			
In Site	007	012	013	Total
006		2		2
008		3	1	4
014	1			1
Total	1	5	1	7

IN PERIOD	17:00
TYPE	HV

Count of REG	Out Site			
In Site	005	012		Total
006		1	1	2
008		2	2	4
011		1	1	2
014	1			1
Total	1	4	5	10

IN PERIOD	17:15
TYPE	HV

Count of REG	Out Site			
In Site	007	012	013	Total
006	1			1
008		2		2
011			1	1
Total	1	2	1	4



APPENDIX D Outer Cordon Matrices



**2478 / ATTLEBOROUGH
NOVEMBER 2012
SUMMARY OF MATCHED PLATES**

LOCATION: Outer Cordon, A11 and B1077

DATE: 27/11/2012

DAY: Tuesday

Time Period: 07:30 to 09:30

No	Direction	Location	Recs	Match	Unmatch	Selected	%Match
1	○	SITE 1 LANE 1 NB	2857	771	702	1468	52.5%
2	○	SITE 1 LANE 2 NB	2387	787	729	1516	51.9%
3		SITE 1 LANE 1 SB	1833	308	619	927	33.2%
4		SITE 1 LANE 2 SB	2919	626	699	1325	47.2%
9		SITE 4 NB	1374	183	297	480	38.1%
10	○	SITE 4 SB	1223	163	234	397	41.1%
15	○	SITE 7 NB	1333	250	442	692	36.1%
16		SITE 7 SB	1401	339	469	808	42.0%
17		SITE 8 LANE 1 NB	2763	873	366	1239	70.5%
18		SITE 8 LANE 2 NB	2370	458	526	984	46.5%
19	○	SITE 8 LANE 1 SB	2737	617	468	1085	56.9%
20	○	SITE 8 LANE 2 SB	1249	199	357	556	35.8%

Time Period: 15:30 to 17:30

No	Direction	Location	Recs	Match	Unmatch	Selected	%Match
1	○	SITE 1 LANE 1 NB	2857	527	850	1377	38.3%
2	○	SITE 1 LANE 2 NB	2387	269	599	868	31.0%
3		SITE 1 LANE 1 SB	1833	172	734	906	19.0%
4		SITE 1 LANE 2 SB	2919	548	1039	1587	34.5%
9		SITE 4 NB	1374	176	658	834	21.1%
10	○	SITE 4 SB	1223	172	654	826	20.8%
15	○	SITE 7 NB	1333	227	409	636	35.7%
16		SITE 7 SB	1401	228	363	591	38.6%
17		SITE 8 LANE 1 NB	2763	548	977	1525	35.9%
18		SITE 8 LANE 2 NB	2370	226	815	1041	21.7%
19	○	SITE 8 LANE 1 SB	2737	515	1129	1644	31.3%
20	○	SITE 8 LANE 2 SB	1249	188	503	691	27.2%

Notes

This is not a closed cordon.



LOCATION: Outer Cordon, A11 and B1077

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD 07:30
TYPE LV

Count of REG	Out Site						Total
In Site	001	002	010	015	019	020	
003		3		6	1	17	27
004	2	1	6	4	1	5	19
009	2	8	2	9	1	1	23
016	9	8	12	1			30
017	35	40		3			78
018	10	26		1	2		39
Total	58	86	20	24	5	23	216

IN PERIOD 07:45
TYPE LV

Count of REG	Out Site						Total
In Site	001	002	010	015	019	020	
003	1		2	6	39	43	91
004	4	2	1	5	32	10	54
009	4	7	3	10		1	25
016	18	12	3	5	4		42
017	55	49	1	7			112
018	16	56	1	5	3		81
Total	98	126	11	38	78	54	405

IN PERIOD 08:00
TYPE LV

Count of REG	Out Site						Total
In Site	001	002	010	015	019	020	
003	2			7	14	22	45
004	6	2	7	7	29	13	64
009	1	5	4	7			17
016	14	12	11	11	7		55
017	31	32		1	2		66
018	14	55	1	5	2		77
Total	68	106	23	38	54	35	324

IN PERIOD 08:15
TYPE LV

Count of REG	Out Site						Total
In Site	001	002	010	015	019	020	
003	2			1	6	9	18
004	6	1	8	3	52	13	83
009	7	7	7	11	1		33
016	12	17	7	21	4		61
017	42	44	1	4	4		95
018	11	42		3	9		65
Total	80	111	23	43	76	22	355



LOCATION: Outer Cordon, A11 and B1077

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD 08:30
TYPE LV

Count of REG	Out Site						Total	
	In Site	001	002	010	015	019		020
003	1				4	17	7	29
004	5			4	8	70	13	100
009	5	7		8	2	2		24
016	13	10		4	8	3		38
017	53	62			2			117
018	18	39		2	2	4		65
Total	95	118		18	26	96	20	373

IN PERIOD 08:45
TYPE LV

Count of REG	Out Site						Total	
	In Site	001	002	010	015	019		020
003	2	1		3	2	17	7	32
004	2	1		7	7	77	10	104
009	12	6		1	9	1		29
016	13	14		7	3	2		39
017	53	51			2			106
018	14	28		1				43
Total	96	101		19	23	97	17	353

IN PERIOD 09:00
TYPE LV

Count of REG	Out Site						Total	
	In Site	001	002	010	015	019		020
003	1				4	25	11	41
004	1			8	8	57	12	86
009	5	4		1	5	2		17
016	10	6		8	1	3	1	29
017	51	31			3	1		86
018	11	29		1	1	1		43
Total	79	70		18	22	89	24	302

IN PERIOD 09:15
TYPE LV

Count of REG	Out Site						Total	
	In Site	001	002	010	015	019		020
003						20	1	21
004				3	5	28	3	39
009	1			1	3			5
016	10	7		6	1	1		25
017	39	32		1	3			75
018	6	21		1				28
Total	56	60		12	12	49	4	193

LOCATION: Outer Cordon, A11 and B1077

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	07:30
TYPE	HV

Count of REG	Out Site				Total
	In Site	001	010	015	
004	1		1	1	3
016		1		1	2
017	11			1	12
018	1				1
Total	13	1	1	3	18

IN PERIOD	07:45
TYPE	HV

Count of REG	Out Site					Total
	In Site	001	002	010	015	
004	1				1	4
016	2				1	1
017	13	2	1			2
018	1		1			2
Total	17	2	2	2	7	30

IN PERIOD	08:00
TYPE	HV

Count of REG	Out Site					Total
	In Site	001	002	010	015	
003					1	1
004	2				2	1
009	1					1
016			1			1
017	13	1	2	1		17
018	3	1				4
Total	19	2	3	4	1	29

IN PERIOD	08:15
TYPE	HV

Count of REG	Out Site					Total
	In Site	001	002	010	015	
004	1			2	1	10
009					1	1
016	2				2	1
017	22	1			1	2
018	1		1			2
Total	26	1	3	5	13	48

LOCATION: Outer Cordon, A11 and B1077

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	08:30
TYPE	HV

Count of REG	Out Site					Total
	In Site	001	002	010	015	
004						7
009	1				2	3
016	1					1
017	22	1			3	26
018	1		3			4
Total	25	1	3	5	8	42

IN PERIOD	08:45
TYPE	HV

Count of REG	Out Site					Total
	In Site	001	002	010	015	
003				1		1
004	1			1		14
009	1	1			1	3
016						1
017	13	1				14
018					1	1
Total	15	2	2	2	17	38

IN PERIOD	09:00
TYPE	HV

Count of REG	Out Site				Total
	In Site	001	010	015	
003					1
004	1	1	1		14
009	1				1
016	2	2			4
017	12	1		2	15
018	1	1			2
Total	17	5	3	15	40

IN PERIOD	09:15
TYPE	HV

Count of REG	Out Site				Total
	In Site	001	002	015	
004				2	7
009					1
016					1
017	9	1			10
Total	9	1	2	9	21



LOCATION: Outer Cordon, A11 and B1077

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	15:30
TYPE	LV

Count of REG	Out Site						Total
In Site	001	002	010	015	019	020	
003		3		8	25	20	56
004	2		6	1	20	9	38
009	1	2	11	5	3	1	23
016	10	6	6	16	2		40
017	28	25		3	3		59
018	3	9			1		13
Total	44	45	23	33	54	30	229

IN PERIOD	15:45
TYPE	LV

Count of REG	Out Site						Total
In Site	001	002	010	015	019	020	
003				1	5	2	8
004	3		4	3	22	6	38
009			8	2	1		11
016	9	3	4	13	2	2	33
017	31	20		5	4	1	61
018	11	17	2	1	5		36
Total	54	40	18	25	39	11	187

IN PERIOD	16:00
TYPE	LV

Count of REG	Out Site						Total
In Site	001	002	010	015	019	020	
003						1	1
004	2		1	7	18	7	35
009	5	3	9	1	2		20
016	5	1	4	11	3	1	25
017	46	21	1	4	1	1	74
018	5	11	4	2	5	1	28
Total	63	36	19	25	29	11	183

IN PERIOD	16:15
TYPE	LV

Count of REG	Out Site						Total
In Site	001	002	010	015	019	020	
003	1			1	4	2	8
004	1		3	9	53	11	77
009	3	2	20	10			35
016	5	3	5	8	6	2	29
017	33	14		3	2		52
018	14	13		2	5		34
Total	57	32	28	33	70	15	235



LOCATION: Outer Cordon, A11 and B1077

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	16:30
TYPE	LV

Count of REG	Out Site						Total
In Site	001	002	010	015	019	020	
003			1	1	5	9	16
004	1	1	7	10	63	14	96
009	7	2	16	15	3		43
016	10	4	5	6	4	1	30
017	47	20		3	2	1	73
018	10	11	7	4	9		41
Total	75	38	36	39	86	25	299

IN PERIOD	16:45
TYPE	LV

Count of REG	Out Site						Total
In Site	001	002	010	015	019	020	
003					6	11	17
004	1		6	8	65	16	96
009	2	3	5	9	3	1	23
016	5	4	5	5	5		24
017	45	15	2		1	2	65
018	11	12	3	2	1		29
Total	64	34	21	24	81	30	254

IN PERIOD	17:00
TYPE	LV

Count of REG	Out Site						Total
In Site	001	002	010	015	019	020	
003				3	13	16	32
004		1	1	6	47	16	71
009	1		1	2	1		5
016	8	4	9	5	2	2	30
017	37	7		5	2	1	52
018	14	11		1	3		29
Total	60	23	11	22	68	35	219

IN PERIOD	17:15
TYPE	LV

Count of REG	Out Site						Total
In Site	001	002	010	015	019	020	
003				2	10	19	31
004			3	10	28	10	51
009			3				3
016	5	1	3	1	1		11
017	26	11		3			40
018	10	4					14
Total	41	16	9	16	39	29	150

LOCATION: Outer Cordon, A11 and B1077

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	15:30
TYPE	HV

Count of REG	Out Site					Total
In Site	001	002	010	015	019	
004			1		5	6
009					1	1
016		1		1		2
017	12	1			1	14
Total	12	2	1	1	7	23

IN PERIOD	15:45
TYPE	HV

Count of REG	Out Site				Total
In Site	001	015	019	020	
003			1		1
004			6	1	7
017	8	2			10
018	1				1
Total	9	2	7	1	19

IN PERIOD	16:00
TYPE	HV

Count of REG	Out Site				Total
In Site	001	002	015	019	
004				1	1
009	1		1	1	3
016	1				1
017	9	2	1		12
Total	11	2	2	2	17

IN PERIOD	16:15
TYPE	HV

Count of REG	Out Site				Total
In Site	001	010	015	019	
004				4	4
009	1		1	2	4
017	7				7
018		1			1
Total	8	1	1	6	16

LOCATION: Outer Cordon, A11 and B1077

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	16:30
TYPE	HV

Count of REG	Out Site					Total
In Site	001	002	010	015	019	
004			1		9	10
009	1			1		2
016	1					1
017	10	1	1			12
Total	12	1	2	1	9	25

IN PERIOD	16:45
TYPE	HV

Count of REG	Out Site				Total
In Site	001	010	015	019	
003				1	1
004				4	4
009	2				2
016	1	1			2
017	3		2		5
Total	6	1	2	5	14

IN PERIOD	17:00
TYPE	HV

Count of REG	Out Site					Total
In Site	001	010	015	019	020	
003					1	1
004		1		9		10
009		1				1
017	9		1			10
Total	9	2	1	9	1	22

IN PERIOD	17:15
TYPE	HV

Count of REG	Out Site		Total
In Site	001	019	
004		4	4
017	2		2
Total	2	4	6



APPENDIX E

Outer to Inner Cordon Matrices

LOCATION: Outer Cordon to Inner Cordon

DATE: 27/11/2012

DAY: Tuesday

Time Period: 07:30 to 09:30

No	Direction	Location	Recs	Match	Unmatch	Selected	%Match
3		SITE 1 LANE 1 SB	1833	66	861	927	7.1%
4		SITE 1 LANE 2 SB	2919	192	1133	1325	14.5%
6	○	SITE 2 WB	1417	228	468	696	32.8%
8	○	SITE 3 NB	1297	312	330	642	48.6%
9		SITE 4 NB	1374	312	168	480	65.0%
11	○	SITE 5 EB	1962	164	801	965	17.0%
14	○	SITE 6 SB	1187	399	241	640	62.3%
16		SITE 7 SB	1401	351	457	808	43.4%
17		SITE 8 LANE 1 NB	2763	37	1200	1237	3.0%
18		SITE 8 LANE 2 NB	2370	145	839	984	14.7%

Time Period: 15:30 to 17:30

No	Direction	Location	Recs	Match	Unmatch	Selected	%Match
3		SITE 1 LANE 1 SB	1833	32	874	906	3.5%
4		SITE 1 LANE 2 SB	2919	127	1460	1587	8.0%
6	○	SITE 2 WB	1417	125	560	685	18.2%
8	○	SITE 3 NB	1297	223	430	653	34.2%
9		SITE 4 NB	1374	242	592	834	29.0%
11	○	SITE 5 EB	1962	228	723	951	24.0%
14	○	SITE 6 SB	1187	329	178	507	64.9%
16		SITE 7 SB	1401	291	300	591	49.2%
17		SITE 8 LANE 1 NB	2763	68	1457	1525	4.5%
18		SITE 8 LANE 2 NB	2370	145	896	1041	13.9%

Notes

This is not a closed cordon, there are large housing estates on Besthorpe Road and Thieves Lane, not covered by the survey.

LOCATION: Outer Cordon Routing Around Inner Cordon

DATE: 27/11/2012

DAY: Tuesday

Time Period: 07:30 to 09:30

No	Direction	Location	Recs	Match	Unmatch	Selected	%Match
5	○	SITE 2 EB	1132	118	313	431	27.4%
7	○	SITE 3 SB	1612	327	511	838	39.0%
12	○	SITE 5 WB	2038	186	612	798	23.3%
13	○	SITE 6 NB	1538	186	499	685	27.2%
21	I	Outer Cordon Matched Plates	2008	817	286	1103	74.1%

Time Period: 15:30 to 17:30

No	Direction	Location	Recs	Match	Unmatch	Selected	%Match
5	○	SITE 2 EB	1132	110	445	555	19.8%
7	○	SITE 3 SB	1612	161	558	719	22.4%
12	○	SITE 5 WB	2038	219	1019	1238	17.7%
13	○	SITE 6 NB	1538	178	670	848	21.0%
21	I	Outer Cordon Matched Plates	2008	668	237	905	73.8%

Notes

This is not a closed cordon, there are large housing estates on Besthorpe Road and Thieves Lane, not covered by the survey.

LOCATION: Outer to Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	07:30
TYPE	LV

Count of REG	Out Site				Total
	In Site	006	008	011	
003	2				2
004	8				8
009		38			38
016	1				33
018			8	3	11
Total	11	38	8	36	93

IN PERIOD	07:45
TYPE	LV

Count of REG	Out Site				Total
	In Site	006	008	011	
003	7				10
004	9			4	15
009		38			38
016	1			1	37
017				1	3
018		1	22	2	25
Total	17	39	28	47	131

IN PERIOD	08:00
TYPE	LV

Count of REG	Out Site				Total	
	In Site	006	008	011		014
003	3			1	1	5
004	15				2	17
009	1	24				25
016		1		4	46	51
017					2	2
018	3			14	1	18
Total	22	25	19	52	118	

IN PERIOD	08:15
TYPE	LV

Count of REG	Out Site				Total	
	In Site	006	008	011		014
003	4			2	1	7
004	24					24
009		41			1	42
016	1				56	57
017	2				11	13
018				23	1	24
Total	31	41	25	70	167	

LOCATION: Outer to Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	08:30
TYPE	LV

Count of REG	Out Site				Total	
	In Site	006	008	011		014
003	6			1	1	8
004	25	1		3	2	31
009		42				42
016	1			3	34	38
017	1				1	2
018	1		15			16
Total	34	43	22	38		137

IN PERIOD	08:45
TYPE	LV

Count of REG	Out Site				Total	
	In Site	006	008	011		014
003	12				3	15
004	35				1	36
009		45	2			47
016	1	1	4		42	48
017			2		2	4
018	1			12	1	14
Total	49	46	20	49		164

IN PERIOD	09:00
TYPE	LV

Count of REG	Out Site				Total	
	In Site	006	008	011		014
003	2			1	3	6
004	15				6	21
009		36	1			37
016				3	30	33
017					2	2
018				9	1	10
Total	17	36	14	42		109

IN PERIOD	09:15
TYPE	LV

Count of REG	Out Site				Total	
	In Site	006	008	011		014
003	12					12
004	22			1	1	24
009		29				29
016					37	37
017					1	1
018				11		11
Total	34	29	12	39		114

LOCATION: Outer to Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	07:30
TYPE	HV

Count of REG In Site	Out Site				Total
	006	008	011	014	
004	1		1	1	3
009		3			3
016				1	1
018			1		1
Total	1	3	2	2	8

IN PERIOD	07:45
TYPE	HV

Count of REG In Site	Out Site				Total
	006	008	011	014	
004	1			1	2
016				1	1
017				2	2
018		1	1		2
Total	1	1	1	4	7

IN PERIOD	08:00
TYPE	HV

Count of REG In Site	Out Site			Total
	008	011	014	
009	1			1
016			4	4
017			2	2
018		1		1
Total	1	1	6	8

IN PERIOD	08:15
TYPE	HV

Count of REG In Site	Out Site				Total
	006	008	011	014	
004	3				3
009		1			1
016				2	2
017				2	2
018			2		2
Total	3	1	2	4	10

LOCATION: Outer to Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	08:30
TYPE	HV

Count of REG	Out Site			
	In Site	008	011	Total
009	5			5
018		5		5
Total	5	5	5	10

IN PERIOD	08:45
TYPE	HV

Count of REG	Out Site					
	In Site	006	008	011	014	Total
003	1					1
004	1				1	2
009		3				3
016					1	1
017					1	1
018				2		2
Total	2	3	2	3	3	10

IN PERIOD	09:00
TYPE	HV

Count of REG	Out Site				
	In Site	006	011	014	Total
004	5			1	6
016				3	3
017				1	1
018		3			3
Total	5	3	5	5	13

IN PERIOD	09:15
TYPE	HV

Count of REG	Out Site				
	In Site	006	008	014	Total
009			1		1
016	1			1	2
017				1	1
Total	1	1	2	2	4

LOCATION: Outer to Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	15:30
TYPE	LV

Count of REG In Site	Out Site				Total
	006	008	011	014	
003	8	1	4	3	16
004	13		1	1	15
009	1	33	2	1	37
016	1		7	36	44
017	2		1	2	5
018			4		4
Total	25	34	19	43	121

IN PERIOD	15:45
TYPE	LV

Count of REG In Site	Out Site				Total
	006	008	011	014	
003	1		1		2
004	11		1	1	13
009	1	16	2		19
016			2	32	34
017			4	4	8
018			17		17
Total	13	16	27	37	93

IN PERIOD	16:00
TYPE	LV

Count of REG In Site	Out Site				Total
	006	008	011	014	
004	2		1	2	5
009		14	6	1	21
016			4	27	31
017			4	5	9
018		1	21	2	24
Total	2	15	36	37	90

IN PERIOD	16:15
TYPE	LV

Count of REG In Site	Out Site				Total
	006	008	011	014	
003			1		1
004	1		4	5	10
009		29	2	2	33
016			2	28	30
017		1	3	4	8
018		1	18		19
Total	1	31	30	39	101

LOCATION: Outer to Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	16:30
TYPE	LV

Count of REG	Out Site				Total
	In Site	006	008	011	
003	1				1
004	8	2		3	3
009		44		4	1
016				1	29
017	1			4	3
018	2	1		26	3
Total	12	47	38	40	137

IN PERIOD	16:45
TYPE	LV

Count of REG	Out Site				Total
	In Site	006	008	011	
003					1
004	17			2	1
009			33	3	1
016	2			3	32
017	1			8	1
018				19	19
Total	20	33	35	35	123

IN PERIOD	17:00
TYPE	LV

Count of REG	Out Site				Total
	In Site	006	008	011	
003	6				6
004	18	1		1	2
009			20	1	21
016				3	49
017				6	6
018				20	2
Total	24	21	31	59	135

IN PERIOD	17:15
TYPE	LV

Count of REG	Out Site				Total
	In Site	006	008	011	
003	4				4
004	22				2
009			17		17
016				1	28
017				2	1
018				6	6
Total	26	17	9	31	83

LOCATION: Outer to Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	15:30
TYPE	HV

Count of REG	Out Site		Total
	In Site	008	
009	1		1
016		2	2
017		1	1
Total	1	3	4

IN PERIOD	15:45
TYPE	HV

Count of REG	Out Site			Total
	In Site	006	011	
004	1			1
017		1	1	2
018		1		1
Total	1	2	1	4

IN PERIOD	16:00
TYPE	HV

Count of REG	Out Site		Total
	In Site	008	
009	3		3
017		1	1
Total	3	1	4

IN PERIOD	16:15
TYPE	HV

Count of REG	Out Site		Total
	In Site	008	
009	1		1
018		1	1
Total	1	1	2

LOCATION: Outer to Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	16:30
TYPE	HV

Count of REG In Site	Out Site		Total
	008	014	
009	3		3
017		1	1
Total	3	1	4

IN PERIOD	16:45
TYPE	HV

Count of REG In Site	Out Site		Total
	014		
016	1		1
Total	1		1

IN PERIOD	17:00
TYPE	HV

Count of REG In Site	Out Site		Total
	006	008	
004	1		1
009		1	1
Total	1	1	2

IN PERIOD	17:15
TYPE	HV

Count of REG In Site	Out Site		Total
	014		
016	1		1
Total	1		1

LOCATION: Outer Cordon Routing Around Inner Cordon

DATE: 27/11/2012

DAY: Tuesday

Time Period: 07:30 to 09:30

No	Direction	Location	Recs	Match	Unmatch	Selected	%Match
5	○	SITE 2 EB	1132	118	313	431	27.4%
7	○	SITE 3 SB	1612	327	511	838	39.0%
12	○	SITE 5 WB	2038	186	612	798	23.3%
13	○	SITE 6 NB	1538	186	499	685	27.2%
21	I	Outer Cordon Matched Plates	2008	817	286	1103	74.1%

Time Period: 15:30 to 17:30

No	Direction	Location	Recs	Match	Unmatch	Selected	%Match
5	○	SITE 2 EB	1132	110	445	555	19.8%
7	○	SITE 3 SB	1612	161	558	719	22.4%
12	○	SITE 5 WB	2038	219	1019	1238	17.7%
13	○	SITE 6 NB	1538	178	670	848	21.0%
21	I	Outer Cordon Matched Plates	2008	668	237	905	73.8%

Notes

This is not a closed cordon, there are large housing estates on Besthorpe Road and Thieves Lane, not covered by the survey.

LOCATION: Outer Routing Around Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	07:30
TYPE	LV

Count of REG In Site	Out Site 005	007	012	013	Total
003			1		1
004		7	1		8
009	9	1	3	12	25
016	5	20	5		30
018	1	1	2		4
Total	15	29	12	12	68

IN PERIOD	07:45
TYPE	LV

Count of REG In Site	Out Site 005	007	012	013	Total
003		3			3
004		5	2		7
009	5	1	6	17	29
016	3	10	3	5	21
017		1			1
018	2	4	1	2	9
Total	10	24	12	24	70

IN PERIOD	08:00
TYPE	LV

Count of REG In Site	Out Site 005	007	012	013	Total
003		4		1	5
004	1	2	3	2	8
009	2	2	2	11	17
016	6	12	4	5	27
017		1		1	2
018	2	3	3	3	11
Total	11	24	12	23	70

IN PERIOD	08:15
TYPE	LV

Count of REG In Site	Out Site 005	007	012	013	Total
003		1			1
004		13	3		16
009	9	1	6	21	37
016	7	18	5	11	41
017	2	2	1	2	7
018	2	6	3	3	14
Total	20	41	18	37	116

LOCATION: Outer Routing Around Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	08:30
TYPE	LV

Count of REG	Out Site				Total	
	In Site	005	007	012		013
003		1	2	2	2	7
004		1	14	5	2	22
009		6	3	15	9	33
016		5	14	5	8	32
017				3	1	4
018			8	3	4	15
Total		13	41	33	26	113

IN PERIOD	08:45
TYPE	LV

Count of REG	Out Site				Total	
	In Site	005	007	012		013
003			5	5	1	11
004		1	22	14		37
009		8	1	13	9	31
016		6	12	3	4	25
017		1	3		1	5
018		3	6	1	2	12
Total		19	49	36	17	121

IN PERIOD	09:00
TYPE	LV

Count of REG	Out Site				Total	
	In Site	005	007	012		013
003			3		1	4
004			12	4	1	17
009		7	4	17	12	40
016		3	15	5	5	28
017			2	1		3
018		2	7	1	1	11
Total		12	43	28	20	103

IN PERIOD	09:15
TYPE	LV

Count of REG	Out Site				Total	
	In Site	005	007	012		013
003			5	5		10
004			14	8	2	24
009		4	1	9	9	23
016		3	17	5	2	27
017			1			1
018		1	5		1	7
Total		8	43	27	14	92

LOCATION: Outer Routing Around Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	07:30
TYPE	HV

Count of REG	Out Site		Total
	In Site	007	
004		1	1
009		1	1
016	1		1
Total	1	2	3

IN PERIOD	07:45
TYPE	HV

Count of REG	Out Site		Total
	In Site	007	
004		1	1
016	1		1
Total	1	1	2

IN PERIOD	08:00
TYPE	HV

Count of REG	Out Site			Total
	In Site	005	013	
009			1	1
016	1	2		3
017		4		4
018		1		1
Total	1	7	1	9

IN PERIOD	08:15
TYPE	HV

Count of REG	Out Site			Total
	In Site	005	013	
004	2	1		3
009			2	2
016	1	1		2
017			1	1
018		2	1	3
Total	3	4	4	11

LOCATION: Outer Routing Around Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 07:30 to 09:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	08:30
TYPE	HV

Count of REG In Site	Out Site			Total
	005	007	013	
009	2		2	4
017		1		1
018	1	1	1	3
Total	3	2	3	8

IN PERIOD	08:45
TYPE	HV

Count of REG In Site	Out Site			Total
	007	012	013	
003	1			1
009		1	1	2
016	1			1
018	3		1	4
Total	5	1	2	8

IN PERIOD	09:00
TYPE	HV

Count of REG In Site	Out Site				Total
	005	007	012	013	
004		4	2		6
009		1		2	3
016		2			2
017		1			1
018	1	3		1	5
Total	1	11	2	3	17

IN PERIOD	09:15
TYPE	HV

Count of REG In Site	Out Site			Total
	005	007	012	
004			1	1
016		1	1	2
017	2	1		3
Total	2	2	2	6

LOCATION: Outer Routing Around Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	15:30
TYPE	LV

Count of REG In Site	Out Site 005	007	012	013	Total
003		1	2		3
004		4	2		6
009	3	3	8	6	20
016	3	6	8	8	25
017			1	2	3
Total	6	14	21	16	57

IN PERIOD	15:45
TYPE	LV

Count of REG In Site	Out Site 005	007	012	013	Total
003	1		2	1	4
004	2	6	4	1	13
009	1	2	6	2	11
016	5	13	4	10	32
017			2		2
018	1	3	3	1	8
Total	10	24	21	15	70

IN PERIOD	16:00
TYPE	LV

Count of REG In Site	Out Site 005	007	012	013	Total
004		2	4		6
009	3		6	7	16
016	2	7	9	8	26
017	4	1		2	7
018	2	4	5	4	15
Total	11	14	24	21	70

IN PERIOD	16:15
TYPE	LV

Count of REG In Site	Out Site 005	007	012	013	Total
003	1			1	2
004	1	1	3	2	7
009	2	3	5	12	22
016	4	2	9	8	23
017	1		4	1	6
018	4	1	3	2	10
Total	13	7	24	26	70

LOCATION: Outer Routing Around Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Light Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	16:30
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
003			1	1	2
004			2	2	5
009	6		5	15	11
016	3		3	7	4
017	4				3
018	4		2	4	2
Total	17		13	29	25

IN PERIOD	16:45
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
003			1	1	1
004			8	13	5
009	5		6	13	15
016	6		12	8	6
017			2	1	
018	6		10	4	2
Total	17		39	40	29

IN PERIOD	17:00
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
003				4	4
004			6	6	1
009			1	4	7
016	10		11	7	8
017	2		6	1	3
018	5		3	1	6
Total	17		27	23	25

IN PERIOD	17:15
TYPE	LV

Count of REG	Out Site				Total
	In Site	005	007	012	
003			2	2	1
004			3	14	
009	4		4	9	9
016	5		9	3	3
017	1		1	2	
018	5			1	2
Total	15		19	31	15

LOCATION: Outer Routing Around Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	15:30
TYPE	HV

Count of REG In Site	Out Site		Total
	005	012	
009		1	1
016	1	1	2
017	1		1
Total	2	2	4

IN PERIOD	15:45
TYPE	HV

Count of REG In Site	Out Site			Total
	007	012	013	
004		1		1
017	1		1	2
Total	1	1	1	3

IN PERIOD	16:00
TYPE	HV

Count of REG In Site	Out Site		Total
	012	013	
009	1	2	3
Total	1	2	3

IN PERIOD	16:15
TYPE	HV

Count of REG In Site	Out Site	
	013	Total
018	1	1
Total	1	1

LOCATION: Outer Routing Around Inner Cordon

DATE: 27/11/2012

TIME PERIOD: 15:30 to 17:30

DAY: Tuesday

VEHICLE TYPE: Heavy Vehicles

Notes: All matches are based on the inbound time only. If a vehicle enters the cordon at 07:30 and exits at 08:00 it will appear in the 07:30 matrix only.

IN PERIOD	16:30
TYPE	HV

Count of REG In Site	Out Site		Total
	005	013	
009	1	1	2
Total	1	1	2

IN PERIOD	16:45
TYPE	HV

Count of REG In Site	Out Site		Total
	007	012	
009	1	1	2
017	1		1
Total	2	1	3

IN PERIOD	17:00
TYPE	HV

Count of REG In Site	Out Site	
	012	Total
009	1	1
Total	1	1

IN PERIOD	17:15
TYPE	HV

Count of REG In Site	Out Site			Total
	005	007	013	
004		1		1
016	1			1
017			1	1
Total	1	1	1	3