

.A Planning Application by  
**HINTON PROPERTIES**

In respect of  
**Phase Two Corinthian Park, Grovefield Way,  
Cheltenham**

**Transport Statement**




November 2016



**DOCUMENT SIGNATURE AND REVIEW SHEET**

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# 1 INTRODUCTION

- 1.1 This Transport Statement (TS) has been prepared by Transport Planning Associates (TPA) on behalf of Hinton Properties, in order to address the highway and transportation issues associated with the development of a mixed use scheme for up to 18,470 square metres (sqm) Gross Floor Area (GFA), comprising B1 employment, A1/A3 Costa Coffee Drive-Thru, A1 Aldi discount food retail and D1 Day Nursery uses, on land to the west of Grovefield Way in Cheltenham. The site location is shown hatched in red on **Figure 1.1**.
- 1.2 The site benefits from a number of extant planning consents that are relevant to the current proposals. These are summarised briefly below.
- 1.3 An outline planning application was granted at appeal in 2007 (10/00468/TIME and 05/00799/OUT), for 22,000sqm B1 employment use with 524 parking spaces on the 16 acres of land now owned by Hinton Properties and edged in blue on **Figure 1.1**. A reserved matters application was subsequently granted permission in 2012 (09/00369/REM) for 22,000sqm B1 use and 700 parking spaces on the same land edge blue on **Figure 1.1**.
- 1.4 A planning application (10/00468/TIME) for the extension of the time limit of planning permission 05/00799/OUT was granted consent in 2012.
- 1.5 A planning application was granted in 2014 (13/01101/FUL) for 4.5 acres of the 16 acre site, to be used for the development of an approximate 7,500sqm GFA BMW and Mini car showroom. This is shown indicatively on **Figure 1.1**. A planning application was granted in 2015 (14/00656/FUL) for a number of amendments to this scheme, including the internal highway layout and customer entrance.
- 1.6 An outline planning application was granted in 2014 (14/01343/OUT) for the remainder (11.5 acres) of the 16 acre site to be used for the development of up to 16,800sqm GFA of B1 Employment use.
- 1.7 The following key transportation issues are addressed in this document to support the planning application for the proposed site:
- (i) a site description and an assessment of existing provisions for all modes of travel;
  - (ii) a highway safety analysis;
  - (iii) a trip attraction and comparison exercise; and
  - (iv) a parking exercise to establish appropriate provisions.
- 1.8 This TS concludes that the proposed development will be accessible by foot, by cycle and by local bus services. It also concludes that the development can be accommodated without detriment to the future operation and safety of the local highway network, particularly in the



context of the previous planning approvals on the site for B1 employment use and a BMW Mini car showroom.

- 1.9 There are therefore no valid highway or transportation reasons, which should prevent planning permission being granted for the proposed development of this site.

## 2 SITE LOCATION AND LOCAL HIGHWAY NETWORK

### Site Location

- 2.1 The site is located in the ward of Benhall and The Reddings, in the south west area of Cheltenham. It is in an area that comprises residential, employment and retail uses.
- 2.2 The site location and local transport network is shown in **Figure 2.1**. It also shows how the site connects to local bus stops and the cycle network.

### Local Highway Network

#### Grovefield Way / Hatherley Lane

- 2.3 Grovefield Way forms the eastern boundary of the site and connects to Hatherley Lane and the A40 in the north, with Cold Pool Lane and The Reddings in the south. It is a single carriageway road, which is illuminated and subject to a 40mph speed limit.
- 2.4 Grovefield Way connects to Hatherley Lane to the east of the site in a roundabout junction arrangement, which also provides access to the B&Q Superstore and the Arle Court Park and Ride. To the north of the Grovefield Way / Hatherley Lane roundabout, Hatherley Lane forms the southern arm of the partially signalised Arle Court Roundabout on the A40.

#### A40 – Gloucester Road

- 2.5 The A40 connects Gloucester in the west with Cheltenham in the east and is known locally as Gloucester Road. The A40 is a dual carriageway road in the vicinity of the site, which is subject to the national speed limit of 70mph.
- 2.6 Junction 11 of the M5 motorway is located approximately two kilometres to the west of the site by road and is a grade separated, priority controlled roundabout junction.

### Baseline Traffic Flows

- 2.7 An Automatic Traffic Count (ATC) survey was carried out between 6<sup>th</sup> and 12<sup>th</sup> July 2016 on Hatherley Lane between the Arle Court roundabout and the Park and Ride roundabout, to record vehicle speeds and flows. This confirmed that the peak period of traffic flows on a Saturday was 1200-1300. The full survey results are included at **Appendix A**.

- 2.8 Manual Classified Counts (MCC) were also undertaken on Saturday 9<sup>th</sup> July 2016 at the Arle Court Roundabout and the Grovefield Way / Hatherley Lane / Park and Ride Roundabout, to record vehicle turning movements and queue lengths for the peak period of 1100 to 1500. The full survey results are included at **Appendix B**.

### Highway Safety Analysis

- 2.9 Gloucestershire County Council (GCC) has provided Personal Injury Accident (PIA) data for the most recent three year period between 1st January 2013 and 31st December 2015. This covered a study area comprising Grovefield Way and Hatherley Lane between The Reddings and the Arle Court roundabout, including the Arle Court Roundabout, Grovefield Way / The Reddings Roundabout, and the Grovefield Way / Park and Ride Roundabout. The full data and plans showing the location of the PIAs are included at **Appendix C**.
- 2.10 There have been a total of nine incidents resulting in 10 PIAs in the study area and these are summarised in **Table 2.1**.

Table 2.1 – Classification of PIAs

Summary of personal injury accidents – 01 January 2013 to 31 December 2015				
	Fatal Injuries	Serious Injuries	Slight Injuries	TOTAL
Arle Court Roundabout	0	1	6	7
Grovefield Way / The Reddings Roundabout	0	0	1	1
Hatherley Lane	0	0	2	2
TOTAL	0	1	9	10

- 2.11 The accident data confirms that there have been no PIAs on Grovefield Way in the immediate vicinity of the site between the roundabout junction with Hatherley Lane and the roundabout junction with The Reddings. There was one slight PIA recorded at the Grovefield Way / The Reddings roundabout.
- 2.12 A brief description of the PIAs recorded in the study area is shown in **Table 2.2**.

Table 2.2 – Summary of Accidents – Arle Court Roundabout

NO.	REF	LOCATION	SEVERITY	DATE / TIME / CONDITIONS	DESCRIPTION
01	207896	Arle Court Roundabout (B4063 Arm)	One Slight (Car Driver)	Wednesday 19/06/13 09:00 Light / Dry	Shunt type collision in queuing traffic
02	208509	Arle Court Roundabout (B4063 Arm)	One Slight (Motorcycle Rider)	Wednesday 19/02/14 06:10 Dark / Wet	Emerging vehicle failed to give way to motorcyclist already on roundabout and collision occurred
03	208712	Arle Court Roundabout (Circulatory Carriageway)	One Slight (Car Driver)	Friday 06/06/14 08:45 Light / Dry	Shunt type collision in queuing traffic
04	208842	Arle Court Roundabout (Circulatory Carriageway)	Two Slight (Car Driver & Car Passenger)	Saturday 12/07/2014 18:35 Light / Dry	Shunt type collision in queuing traffic
05	209371	Arle Court Roundabout (Circulatory Carriageway)	One Slight (Car Driver)	Thursday 19/02/15 08:30 Light / Dry	Shunt type collision in queuing traffic
06	209535	Arle Court Roundabout (B4063 Arm)	One Serious (Cyclist)	Wednesday 22/04/15 08:22 Light / Dry	Cyclist pulled out between stationary traffic into path of oncoming car.

2.13 As shown in **Table 2.2**, six incidents (five slight, one serious) occurred at the Arle Court Roundabout during peak periods, with four of these resulting in shunt type collisions in queuing traffic. However, this is a large signalised roundabout with five arms, two of which are dual carriageway with high traffic flows and potentially high vehicle approach speeds, particularly on the western (A40) arm. It is therefore considered that six incidents in a three year period is not significant.

Table 2.3 – Summary of Accidents – Grovefield Way / The Reddings Roundabout

NO.	REF	LOCATION	SEVERITY	DATE / TIME / CONDITIONS	DESCRIPTION
07	209470	Grovefield Way / The Reddings Roundabout	One Slight (Car Driver)	Tuesday 05/05/15 09:31 Light / Wet	Emerging vehicle failed to give way to another vehicle already on roundabout and collision occurred

2.14 **Table 2.3** shows that there has been one slight incident recorded in the most recent three year period, which appears to have occurred as a result of driver error or misjudgement. It is therefore considered that there is no obvious existing highway safety pattern or problem associated with the Grovefield Way / The Reddings Roundabout.

Table 2.4 – Summary of Accidents – Hatherley Lane

NO.	REF	LOCATION	SEVERITY	DATE / TIME / CONDITIONS	DESCRIPTION
08	208203	Hatherley Lane approximately 80 metres south of Arle Court Roundabout	One Slight (Cyclist)	Tuesday 08/10/13 16:50 Light / Dry	Vehicle emerging from driveway. Cyclist continued from end of cycleway onto pavement and collided with vehicle.
09	209405	Hatherley Lane / Grace Gardens / Unwin Road Roundabout	One Slight (Cyclist)	Thursday 05/02/15 17:30 Light / Wet	Emerging vehicle failed to give way to cyclist already on roundabout and collision occurred

2.15 As set out in **Table 2.4**, there have been two slight incidents recorded on Hatherley Lane, both of which involved cyclists. However, these both appear to have occurred as a result of driver or rider error or misjudgement, and there is no obvious pattern to their locations.

2.16 The traffic attraction associated with the scheme is not considered to be material, as set out in **Chapter 5**, and therefore it is not considered that the development will lead to any significant impact on local highway safety.

#### **Existing Pedestrian and Cyclist Accessibility**

2.17 There is a shared footway/cycleway on the southern/eastern side of Grovefield Way, which connects the Arle Court Roundabout in the north with the residential area of Hatherley to the south.

2.18 To the north of the site, the footway/cycleway provides access to existing footways on Hatherley Lane and is extended to the northern arms of the Arle Court roundabout, by means of a subway under the eastern arm of the A40. This also provides access to the eastbound bus stop on the A40, and an uncontrolled at-grade crossing across the Fiddlers Green Lane arm. Footways are provided on Fiddlers Green Lane and the B4063 to the north.

2.19 To the south of the site, the footway/cycleway connects to existing footways on The Reddings and other residential roads, as well as on Up Hatherley Way, which extends to the A46 Shurdington Road.

2.20 A pelican crossing is provided on Grovefield Way to the immediate south of its junction with North Road West.

2.21 There is a footway on the southern side of North Road West along a 160 metre stretch from its junction with Grovefield Way, but not on the northern side. The remaining length of North Road West has no footways.

2.22 National Cycle Route 41 (NCR41) utilises the existing cycle facilities on Grovefield Way to the north of the site. The route provides a cycle link between Cheltenham, Gloucester and Bristol.

### Existing Public Transport Provision

- 2.23 The site is well located in the heart of the Central Severn Vale and on a major public transport corridor that runs between the Principal Urban Areas (PUAs) of Cheltenham and Gloucester on the A40.
- 2.24 Bus services provide the principal form of public transport in the vicinity of the site and the primary bus service provider in the area is Stagecoach in Cheltenham.
- 2.25 Bus stops are located on Grovefield Way approximately 350 metres to the south of the site, on Hatherley Lane approximately 550 metres to the north of the site and on the A40 on the eastern side of the Arle Court Roundabout. The bus stops are also shown on **Figure 2.1**.
- 2.26 A summary of the bus services that operate in the vicinity of the site (frequency per direction) is provided in **Table 2.3** below. The bus stop on Grovefield Way to the south of the site currently serves bus service DR7 which is a Sir Thomas Rich's & Denmark Road Schools service, operating a single return service Monday to Friday. Services J and K stop on Hatherley Lane to the north of the site, with all of the other services stopping at Arle Court Roundabout.

Table 2.3 – Summary of Local Bus Services

SERVICE NUMBER	ROUTE DESCRIPTION	OPERATOR	APPROXIMATE FREQUENCY		
			Monday - Saturday		Sunday
			Daytime	Evening	
M5	Leckhampton – Shurdington – Harterley – Pates Grammer School - All Saints Academy	Marchants Coaches	3 journeys	-	-
97	Gloucester – Longlevens – Innsworth – Churchdown – The Reddings - Cheltenham	Stagecoach West	30 – 60 minutes	1 -2 hours	2 hours
98	Gloucester – Longlevens – Innsworth – Churchdown – The Reddings - Cheltenham	Stagecoach West	30 – 60 minutes	1 -2 hours	2 hours
DR7	Denmark Road – Sir Thomas Rich's Schools – The Reddings – Up Hatherley	Bennetts	1 journey	-	-
J	Cheltenham - Christchurch Road - Benhall - Asda	Marchants Coaches	90 minutes	-	-
K	Cheltenham - Up Hatherley - Morrisons - Asda	Marchants Coaches	90 minutes	-	-

- 2.27 In addition to the services shown in **Table 2.3**, the site is located adjacent to the Arle Court Park and Ride (service 511), which provides services to the centre of Cheltenham at a frequency of every twelve minutes approximately between 0700 and 1900 Monday to Friday and approximately between 0800 and 1800 on Saturdays. The journey time is generally around 12 minutes.

**Sustainability of the Site**

- 2.28 It is considered that in sustainability terms, the site is in a suitable location in regards to both accessibility by non-car modes of travel, and also its close proximity to residential areas and other services and amenities that may be required on a day to day basis for employees and visitors. This has been confirmed through the planning permissions already granted on this site for B1 employment uses and also the BMW Mini car showroom.
- 2.29 It is concluded that this site is suitably located in an area that would provide the opportunity for staff, customers and visitors to walk or cycle from home and to use local public transport services. It is also concluded that the site has access to a good network of bus services, which will ensure that there is a genuine choice in modes of travel thereby reducing reliance on the private car.

### 3 DEVELOPMENT PROPOSALS

- 3.1 The development proposals are submitted as a hybrid planning application, with parts of the scheme submitted in outline and parts of the scheme submitted in detail.
- 3.2 The detailed development proposal will broadly comprise the following:
- (i) Two B1 office buildings (6,593sq.m. GFA) with ancillary parking;
  - (ii) A1 / A3 Costa Coffee drive thru (304sq.m. GFA);
  - (iii) A1 Aldi discount food retail (2,037sq.m. GFA); and
  - (iv) D1 day nursery (800sq.m. GFA – anticipated up to 27 employees).
- 3.3 The outline development proposal will broadly comprise the following:
- (i) Two B1 office buildings (8,736sq.m. GFA) with ancillary parking.
- 3.4 The development masterplan is included at **Appendix D**.

#### Site Access

- 3.5 The site access road and its junction with Grovefield Way have been agreed in principle with the local highway authority as part of the consented B1 use on the wider site. The site access junction on Grovefield Way and an approximate 160 metre section of the access road has been constructed as part of the BMW Mini car showroom development up to the boundary of the BMW site. This access road will be extended into the application site, as shown on the masterplan at **Appendix D**, to serve the proposed development.
- 3.6 As set out in **Chapter 5**, it is concluded that there will be no material increase in vehicular trips associated with the proposed development, in comparison to the extant consent. It is therefore considered that the site access proposal is suitable to serve the proposed development.
- 3.7 Swept path assessments are included at **Appendix E**, which demonstrate that the site is accessible by refuse and delivery vehicles.



## **Car Parking Provision**

### Detailed Application

- 3.8 Whilst not an adopted document, the GCC Draft Parking and Demand Management Strategy suggests that car parking may be provided as follows:
- (i) 1 space per 18sqm for A1 Food Retail – This equates to 113 car parking spaces for the proposed Aldi and 17 car parking spaces for the Drive Through;
  - (ii) 1 space per 42sqm for B1 Office – this equates to 157 car parking spaces for the proposed B1 office buildings; and
  - (iii) 1 space per 2 employees for D1 Day Nursery – this equates to 14 car parking spaces.
- 3.9 Planning application reference 09/00369/REM was approved in 2012 for 22,000sqm of B1 Office use with 700 car parking spaces. This equates to a ratio of 1 space per 31sqm. Applying this ratio to the current proposals would equate to a total of 213 spaces for the B1 Office use.
- 3.10 A total of 152 car parking spaces will be provided for the Aldi, Day Nursery and Costa Coffee Drive Thru. A total of 194 car parking spaces will be provided for the two B1 Office buildings. This level of provision is considered appropriate in the context of the consented parking provision, and noting that the GCC guidance is not currently adopted.

### Outline Application

- 3.11 Car parking for the outline application will be provided with reference to the GCC Draft Parking and Demand Management Strategy and the extant planning consents for B1 Office use.

## **Cycle Parking Provision**

### Detailed Application

- 3.12 Whilst not an adopted document, the GCC Draft Parking and Demand Management Strategy suggests that cycle parking may be provided as follows:
- (iv) 1 space per 60sqm for A1 Food Retail – This equates to 34 cycle parking spaces for the proposed Aldi and 6 cycle parking spaces for the Drive Through;
  - (v) 1 space per 166sqm for B1 Office – this equates to 40 cycle parking spaces for the proposed B1 office buildings; and
  - (vi) 0.15 spaces per employee and 0.15 spaces per student for D1 Day Nursery – this equates to 4 cycle parking spaces for employees of the proposed Day Nursery.

- 3.13 A total of 34 cycle parking spaces for the Aldi, 6 cycle parking spaces for the Costa Coffee Drive Thru, and 40 cycle parking spaces for the two B1 Office buildings will be provided, in accordance with the strategy above. A total of 12 cycle parking spaces will be provided for the Day Nursery, in excess of the guidelines set out above.

Outline Application

- 3.14 Cycle parking for the outline application will be provided with reference to the GCC Draft Parking and Demand Management Strategy.

## 4 TRANSPORTATION PLANNING GUIDANCE

### Relevant Transportation Policies

4.1 The relevant transportation policies and government guidance are set out in the following documents:

- (i) National Planning Policy Framework (2012);
- (ii) National Planning Practice Guidance (2014);
- (iii) Manual for Streets (2007);
- (iv) Manual for Streets 2 (2010);
- (v) Manual for Gloucestershire Streets 4<sup>th</sup> Edition (2016);
- (vi) Gloucestershire's Local Transport Plan 2015-31 (2016); and
- (vii) Cheltenham Borough Local Plan 2nd Review (2006).

4.2 The main thrust of recent national and local policy guidance is to:

- (i) make effective and efficient use of land;
- (ii) locate developments within walking and cycling distance of services and facilities and where employment opportunities are accessible by public transport;
- (iii) reduce car dependency and ensure the levels of traffic is not at an environmentally unacceptable level;
- (iv) make walking and cycling trips easier; and
- (v) encourage public transport trips.

4.3 Paragraph 32 of the NPPF states that "Development should only be prevented or refused on transport grounds where the residual cumulative impacts of development are severe". This TS demonstrates that the impacts of the development will be less than the previously approved business park development and as such is in line with local and national policy.

### The Suitability of the Development Proposal

4.4 It is considered that the development proposals are in accordance with the transportation policies of local and national planning guidance because they will make efficient use of the site and there are sustainable travel options available as a viable alternative to private car use.

## 5 FORECAST DEVELOPMENT TRAFFIC

### Previous Planning Applications

- 5.1 In order to assess the likely impact of the forecast development traffic, it is considered appropriate for a comparison to be made against previously consented schemes on the site. A brief summary of the relevant planning consents and their associated traffic forecasts is set out below.

#### 2005 Application & 2007 Appeal

- 5.2 Trip rates were obtained from the TRICS 2004(b) database for The Oxford Business Park South in Oxford (33,105sq.m, 1793 employees & 1750 parking spaces) as it was considered the most comparable to the proposals at Grovefield Way at the time.
- 5.3 The Transport Assessment work forecast that there could be 320 vehicular trips associated with the Business Park in the AM peak and 267 vehicular trips in the PM peak. This approach was agreed at appeal.

#### 2009 Reserved Matters Application

- 5.4 Further work was carried out by TPA for the reserved matters application. The work forecast that there could be 719 vehicular trips associated with the Business Park in the AM peak and 666 vehicular trips in the PM peak.

#### 2012 Extension of Time Application

- 5.5 Further work was carried out by TPA as part of the extension of time application (10/00468/TIME). Trip rates were obtained from the TRICS 2011(b) database for The Oxon Business Park in Shrewsbury. This site was not included in the 2004 version of the TRICS database. This site was considered to have similar characteristics to the proposed development at Grovefield Way (i.e. 17,197sq.m, edge of town location, 612 parking spaces) and was considered to be more applicable than the previously used Oxford Business Park site.
- 5.6 The updated trip calculations forecast that the Business Park could generate 578 vehicle trips in the AM peak and 603 in the PM peak. This was fewer than was agreed for the 2009 consented application and was subsequently agreed as appropriate.

### 2013 BMW Showroom Application

- 5.7 TPA carried out additional work as part of the application for 4.5 acres of the 16 acre site to be used for a 7,500sqm GFA BMW and Mini Car Showroom. Trip forecasts carried out as part of the Transport Assessment indicated that the proposals would result in a net reduction in vehicle trips compared to the extant consent.

### 2014 Business Park Outline Application

- 5.8 Further work was carried out by TPA for an outline application (14/01323/OUT) for the remaining 11.5 acres of the 16 acre site as a 16,800sqm B1 Business Park. Trip rates were obtained from the TRICS 2014 database for the Oxon Business Park in Shrewsbury which was still considered to be the most appropriate site available within the TRICS database at that time.

### Summary of Previous Planning Applications

- 5.9 The overall consented development of the site comprises the following:
- (i) 4.5 acres – consented 7,500sqm BMW Car Showroom (13/01101/FUL); and
  - (ii) 11.5 acres – consented 16,800sqm B1 Business Park (14/01343/OUT).
- 5.10 The current proposals would replace the consented 16,800sqm B1 Business Park with the quantum of development set out at **Chapter 3**.

### **Forecast Vehicle Trips**

- 5.11 The proposed development two way vehicular trips have been derived from the TRICS 2016 database with the full TRICS reports included at **Appendix F**. Trip rates have been extrapolated for the various land uses for surveys carried out within England and Wales, and within Edge of Town and Suburban locations. The categories used for each land use are summarised as follows:

### Detailed Application

- (i) B1 Office element – based on Offices up to 20,000sqm GFA since 2008 and without Travel Plans in operation;
- (ii) A1 Discount Food Retail store element – based on Discount Foodstores up to 2,000sqm GFA since 2000 (due to lack of more recent weekend survey data) and without Travel Plans in operation;

- (iii) A5 Costa Coffee Drive Thru element – based on Fast Food Drive Through sites up to 800sqm GFA since 2008 and without Travel Plans in operation;
- (iv) D1 Day Nursery element – based on Nursery sites up to 50 employees since 2008 and without Travel Plans in operation;

Outline Application

- (v) B1 Office element – based on Offices up to 20,000sqm GFA since 2008 and without Travel Plans in operation;

5.12 **Table 5.1** sets out the forecast two way vehicular trip attraction for the site, including those associated with the extant BMW car showroom element.

Table 5.1 Total Forecast Two-Way Vehicular Trips.

Scenario		Total Two-Way Vehicular Trips		
		AM Peak (0800-0900)	PM Peak (1700-1800)	Saturday peak (1200-1300)
Detailed	A. Proposed Two B1 Offices Employment Use (6,593sq.m)	151	127	Not Applicable
	B. Proposed A5 Costa Coffee Drive Thru (304sq.m) (with 50% linked trip discount)	55	49	87
	C. Proposed A1 Aldi Discount Food Use (2,037sq.m) (with 30% linked trip discount)	35	157	248
	D. Proposed D1 Day Nursery Use (800sq.m)	57	47	Not Applicable
Outline	E. Proposed Two B1 Offices employment Use (8,736sq.m)	200	168	Not Applicable
F. Extant BMW Car Showroom (13/01101/FUL)		111	111	88
<b>Traffic Accumulation (A+B+C+D+E+F) for proposed development</b>		<b>609</b>	<b>659</b>	<b>423</b>

5.13 **Table 5.1** shows that the overall development of the site could be associated with up to 609 vehicle trips in the AM peak, 659 vehicle trips in the PM peak and 423 vehicle trips in the Saturday peak.

### Reduction for Linked and Pass-by Trips

- 5.14 Linked trips are defined within the DfT document 'Guidance on Transport Assessment'. Whilst this is no longer a current document, it is still considered to be appropriate for the purpose of definition. Linked trips are defined as follows:

*“Linked Trips – These are trips that will have a multiple destinations either within the proposed development site. Examples include trips to food and non-food retail, between both the development site and existing adjacent sites or between the development site and an established town centre. Where there is a high probability that there will be a proportion of linked trips between two uses on a development, it is customary only to ‘count’ those trips once for the development as a whole, and not effectively double-count them by attributing two visits and departures affecting the sections of highway network being assessed.”*

- 5.15 The proposed redevelopment consists of retail, employment, education and leisure land uses which will invariably result in a degree of linked trips between them. There is also significant potential for linked trips associated with the adjacent BMW and Mini car showroom.
- 5.16 In addition, a significant proportion of traffic attracted to a retail development will already exist on the local public highway network and vehicular trips to such a new facility will consist of an element of existing trips diverting from their previous destinations in order to access the new facility. A proportion of those diverted trips will have already passed the location of the new facility and cannot therefore be described as new traffic on the adjacent highway network.
- 5.17 TRICS report 14/1, which relates to linked, pass-by and diverted trips, makes reference to a number of research reports carried out between 1996 and 2011 which suggest levels of pass-by and diverted trips generally varying between 20-70%.
- 5.18 As such, it is considered reasonable for a 30% reduction to be applied to the food retail store trips to account for linked, pass-by and diverted trips. In reality, it is considered likely that this figure would be higher, particularly during the weekday peak periods.
- 5.19 In addition it is considered unlikely that a Costa Coffee Drive Thru would be a major primary trip attractor, and that the majority of trips associated with this are likely to be linked trips associated with the adjacent uses. It is therefore considered reasonable for a 50% reduction to be applied to the Costa Coffee trips, which in reality would provide a very robust assessment.
- 5.20 **Table 5.2** shows the number of trips associated with the proposed mixed use redevelopment given the reductions for linked trips and pass-by trips.

Table 5.2 Total Forecast Two-Way Vehicular Trips including trip discounts

Scenario		Total Two-Way Vehicular Trips		
		AM Peak (0800-0900)	PM Peak (1700-1800)	Saturday peak (1200-1300)
Detailed	A. Proposed Two B1 Offices Employment Use (6,593sq.m)	151	127	Not Applicable
	B. Proposed A5 Costa Coffee Drive Thru (304sq.m) (with 50% linked trip discount)	28	25	44
	C. Proposed A1 Aldi Discount Food Use (2,037sq.m) (with 30% linked trip discount)	25	110	174
	D. Proposed D1 Day Nursery Use (800sq.m)	57	47	Not Applicable
Outline	E. Proposed Two B1 Offices employment Use (8,736sq.m)	200	168	Not Applicable
F. Extant BMW Car Showroom (13/01101/FUL)		111	111	88
<b>Traffic Accumulation (A+B+C+D+E+F) for proposed development</b>		<b>572</b>	<b>588</b>	<b>306</b>

5.21 **Table 5.2** shows that the overall development of the site could be associated with up to 572 vehicle trips in the AM peak, 588 vehicle trips in the PM peak and 306 vehicle trips in the Saturday peak, once trip discounts are taken into account.

### Comparison of Proposed and Extant Trips

5.22 A comparison assessment between the vehicular trips associated with the consented schemes on the site and the proposed development has been carried out. This has been assessed for both the most recently consented scheme (14/01323/OUT) and the 2009 consented reserved matters scheme (09/00369/REM), which displays the highest level of consented vehicle trip attraction at the site. The results are summarised below on **Table 5.3**.



Table 5.3 – Vehicle Trip Comparison for Extant and Proposed

Scenario		Total Two-Way Vehicular Trips		
		AM Peak (0800-0900)	PM Peak (1700-1800)	Saturday peak (1200-1300)
Extant consents	A. 2014 Outline Application (14/01323/OUT) 16,800sqm Business Park + BMW Car Showroom	552	571	88
	B. 2009 Reserved Matters Application (09/00369/REM) 22,000sqm Business Park	719	666	Not Applicable
C. Proposed Development (including Trip Discounts)		572	588	306
Traffic Difference between proposed and consented uses	C-A	20	17	218
	C-B	-147	-78	306

- 5.23 **Table 5.3** shows that the proposed development could result in up to 20 additional vehicle trips during the weekday AM peak period and 17 additional vehicle trips during the weekday PM peak period compared to the most recently consented scheme on the site. This equates to less than one additional vehicle every three minutes during the peak periods.
- 5.24 However, in comparison to the 2009 consented scheme, the proposed development could result in up to 147 fewer vehicle trips during the weekday AM peak period and 78 fewer vehicle trips during the weekday PM peak period.
- 5.25 As such, it is considered that the proposed development will not have a material impact on the operation or safety of the local highway network during the weekday peak periods and capacity assessments are not necessary.
- 5.26 With regards to the Saturday peak period, it is forecast that there could be up to 306 additional vehicle trips associated with the proposed scheme in comparison to the extant consents, and an assessment has therefore been carried out to determine the likely impact of the proposals at the Arle Court and Park and Ride roundabouts.
- 5.27 2016 baseline traffic flows during the Saturday peak period have been obtained for the Arle Court Roundabout and Park and Ride Roundabout, as set out in **Chapter 2**. An ATC survey was also carried out on Hatherley Lane between the two roundabouts, and this has been used to determine a peak hour flow conversion factor between the Saturday peak period (1200-1300) and the weekday peak periods (0800-0900 and 1700-1800).

- 5.28 In order to determine the impact of the proposed development, an assessment of the baseline flows in addition to the consented development flows during the weekday peak period has been compared to the baseline flows in addition to the proposed development flows during the Saturday peak period. This has been assessed for traffic travelling to or from the Grovefield Way arm of the Park and Ride roundabout, which would serve the site. The traffic flow comparison is set out in **Table 5.4** below.

Table 5.4 – Vehicle Trip Comparison of Weekday and Saturday peaks

Scenario		Total Two-Way Vehicular Trips on Grovefield Way		
		AM Peak (0800-0900)	PM Peak (1700-1800)	Saturday peak (1200-1300)
A. Base Traffic		906	946	918
Extant Consents	B. 2014 Outline Application (14/01323/OUT) 16,800sqm Business Park + BMW Car Showroom	552	571	88
	C. 2009 Reserved Matters Application (09/00369/REM) 22,000sqm Business Park	719	666	Not Applicable
D. Proposed Development (Saturday)		Not Applicable	Not Applicable	306
Total Traffic		A+B+D	1,458	1,517
		A+C+D	1,625	1,612

- 5.29 **Table 5.4** confirms that the proposed development in addition to the baseline traffic flows during the Saturday peak period will result in fewer vehicle movements compared to those previously agreed as acceptable for both the weekday AM and PM peak periods. It is therefore considered that the existing junctions are suitable to accommodate the proposals during the Saturday peak period and capacity assessments are not necessary.

### Sensitivity Test

- 5.30 Whilst the trip forecasts set out above are considered to be appropriate, based on the most recently available TRICS database, a sensitivity test has been carried out using the business park trip rates that were previously agreed for the consented schemes (10/00468/TIME and 14/01323/OUT). The TRICS report is included at **Appendix G**.
- 5.31 The previously agreed trip rates were based on surveys contained within the TRICS database for the Oxon Business Park in Shrewsbury in 2005. As these surveys were carried out more than 10 years ago, the resultant vehicle trip rates are higher than those calculated above using the most recently available data.

- 5.32 **Table 5.5** shows the number of trips associated with the proposed mixed use redevelopment, including the reductions for linked trips and pass-by trips, using the sensitivity test trip rates for the B1 Office uses during the weekday peak periods. As this element of the scheme would not impact upon the Saturday peak period, it is not considered within this sensitivity test

Table 5.5 Total Forecast Two-Way Vehicular Trips including trip discounts – Sensitivity Test

Scenario		Total Two-Way Vehicular Trips	
		AM Peak (0800-0900)	PM Peak (1700-1800)
Detailed	A. Proposed Two B1 Offices Employment Use (6,593sq.m)	173	181
	B. Proposed A5 Costa Coffee Drive Thru (304sq.m) (with 50% linked trip discount)	28	25
	C. Proposed A1 Aldi Discount Food Use (2,037sq.m) (with 30% linked trip discount)	25	110
	D. Proposed D1 Day Nursery Use (800sq.m)	57	47
Outline	E. Proposed Two B1 Offices employment Use (8,736sq.m)	230	239
	F. Extant BMW Car Showroom (13/01101/FUL)	111	111
<b>Traffic Accumulation (A+B+C+D+E+F) for proposed development</b>		<b>624</b>	<b>713</b>

- 5.33 **Table 5.5** shows that the sensitivity test of the overall development of the site could be associated with up to 624 vehicle trips in the AM peak and 713 vehicle trips in the PM peak.
- 5.34 **Table 5.6** below sets out the forecast trips associated with the proposed development in the sensitivity test scenario, in comparison to the consented schemes, as set out at **paragraph 5.22**.

Table 5.6 – Vehicle Trip Comparison for Extant and Proposed – Sensitivity Test

Scenario		Total Two-Way Vehicular Trips	
		AM Peak (0800-0900)	PM Peak (1700-1800)
Extant consents	A. 2014 Outline Application (14/01323/OUT) 16,800sqm Business Park + BMW Car Showroom	552	571
	B. 2009 Reserved Matters Application (09/00369/REM) 22,000sqm Business Park	719	666
C. Proposed Development (including Trip Discounts)		624	713
Traffic Difference between proposed and consented uses	C-A	72	142
	C-B	-95	47

5.35 **Table 5.6** shows that the proposed development could result in up to 72 additional vehicle trips during the weekday AM peak period and 142 additional vehicle trips during the weekday PM peak period compared to the most recently consented scheme on the site. However, in comparison to the 2009 consented scheme, the proposed development could result in up to 95 fewer vehicle trips during the weekday AM peak period and up to 47 additional vehicle trips during the weekday PM peak period. This equates to less than one additional vehicle trip per minute during the PM peak period.

5.36 As such, it is considered that the proposed development will not have a material impact on the operation or safety of the local highway network during the weekday peak periods and capacity assessments are not necessary.

## 6 CONCLUSIONS

- 6.1 This Transport Statement (TS) has been prepared by Transport Planning Associates (TPA) on behalf of Hinton Properties, in order to address the highway and transportation issues associated with the development of a mixed use scheme for up to 18,470 square metres (sqm) Gross Floor Area (GFA), comprising B1 employment, A1/A3 Costa Coffee Drive-Thru, A1 Aldi discount food retail and D1 Day Nursery uses, on land to the west of Grovefield Way in Cheltenham.
- 6.2 The site is located within easy walking distance of neighbouring residential areas and close to a public transport bus route. It therefore provides the opportunity for future employees and visitors to walk cycle or use public transport facilities to access the site as a genuine alternative to the car and it therefore complies with the broad objectives of transportation policy.
- 6.3 This report demonstrates that the forecast trip attraction for the current proposal will be less than that calculated for the previous business park proposals on the site. It also confirms that the traffic associated with the current proposal will be less than the previously consented uses on the site. The traffic associated with the proposed development is therefore not forecast to have a material impact on the operation and safety of the local highway network.
- 6.4 The proposed parking provision and internal layout is considered to be appropriate to cater for operational requirements and the forecast maximum parking demand.
- 6.5 There are therefore no valid highway or transportation reasons, which should prevent the proposed development of the site.

# FIGURES






A3

ORIGINAL  
PLOT SIZE

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KEY

-  Land owned by Client
-  Approximate site boundary
-  BMW site (consented as part of 13/01101/FUL)

Rev	Date	Details	Drawn by	Checked by	Approved by

**Bristol**  
 Cambridge  
 Cardiff  
 London  
 Oxford  
 Welwyn Garden City

25 King Street  
 Bristol  
 BS1 4PB  
 0117 925 9400  
[www.tpa.uk.com](http://www.tpa.uk.com)



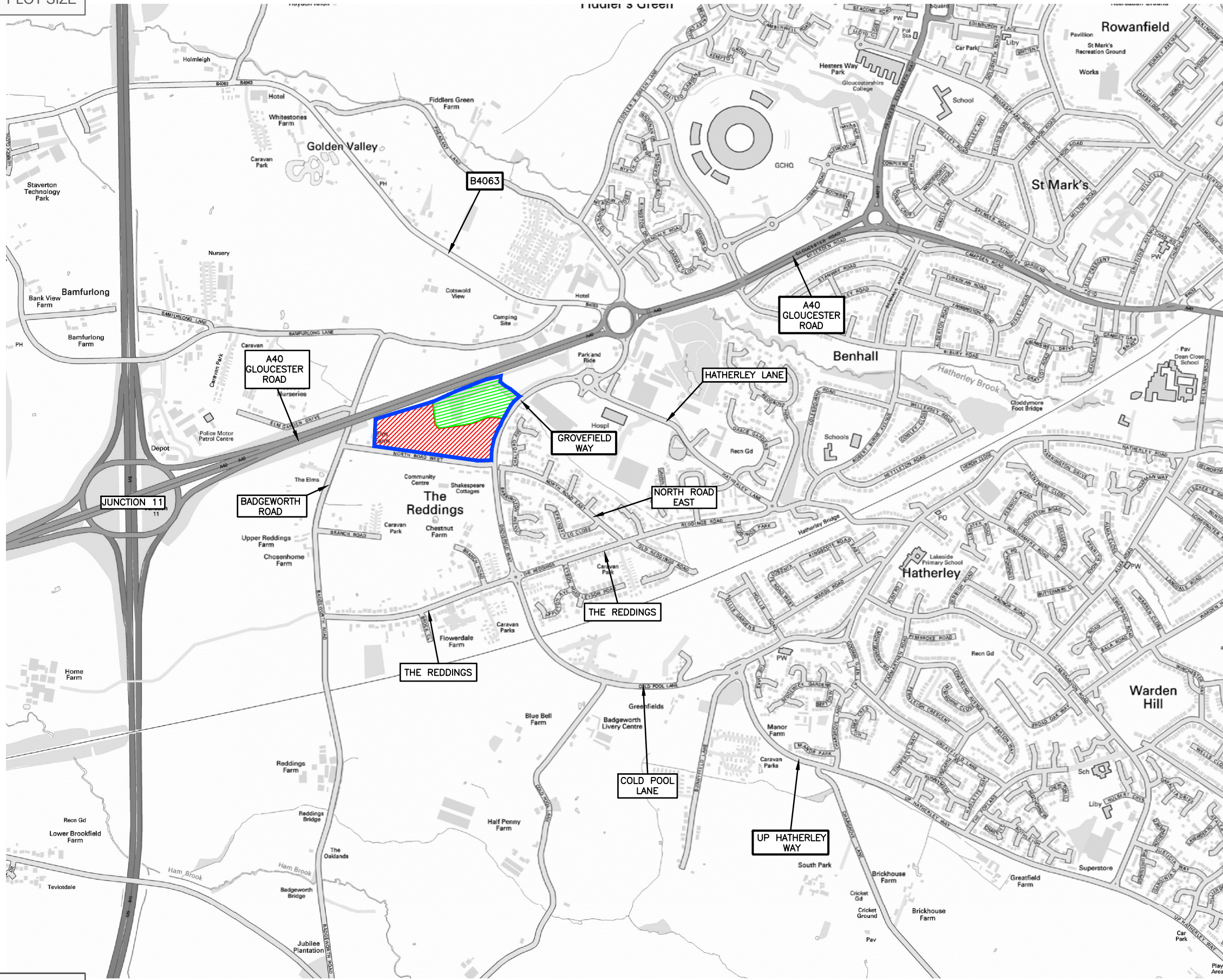
CLIENT:  
**HINTON PROPERTIES**

PROJECT:  
**PHASE 2 CORINTHIAN PARK,  
 GROVEFIELD WAY,  
 CHELTENHAM**

TITLE:  
**Site Boundaries**

STATUS:  
**INFORMATION**

SCALE: 1:12,500	DATE: 27.09.16	DRAWN: RNJ	CHECKED: AJS	APPROVED: MB
JOB NO: 1605-13	DRAWING NO: Figure 1.1	REVISION:		



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A3

ORIGINAL PLOT SIZE

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KEY

-  Site Location
-  BMW Site (consented as part of 13/01101/FUL)
-  Speed Limit
-  National Speed Limit
-  Pelican Crossing
-  Footway/Cycleway
-  Footway
-  National Cycle Network - Route 41
-  Subway
-  Bus Stop
-  Park and Ride Site

Rev	Date	Details	Drawn by	Checked by	Approved by

Bristol  
Cambridge  
Cardiff  
London  
Oxford  
Welwyn Garden City



Transport Planning Associates

25 King Street  
Bristol  
BS1 4PB  
0117 925 9400  
[www.tpa.uk.com](http://www.tpa.uk.com)

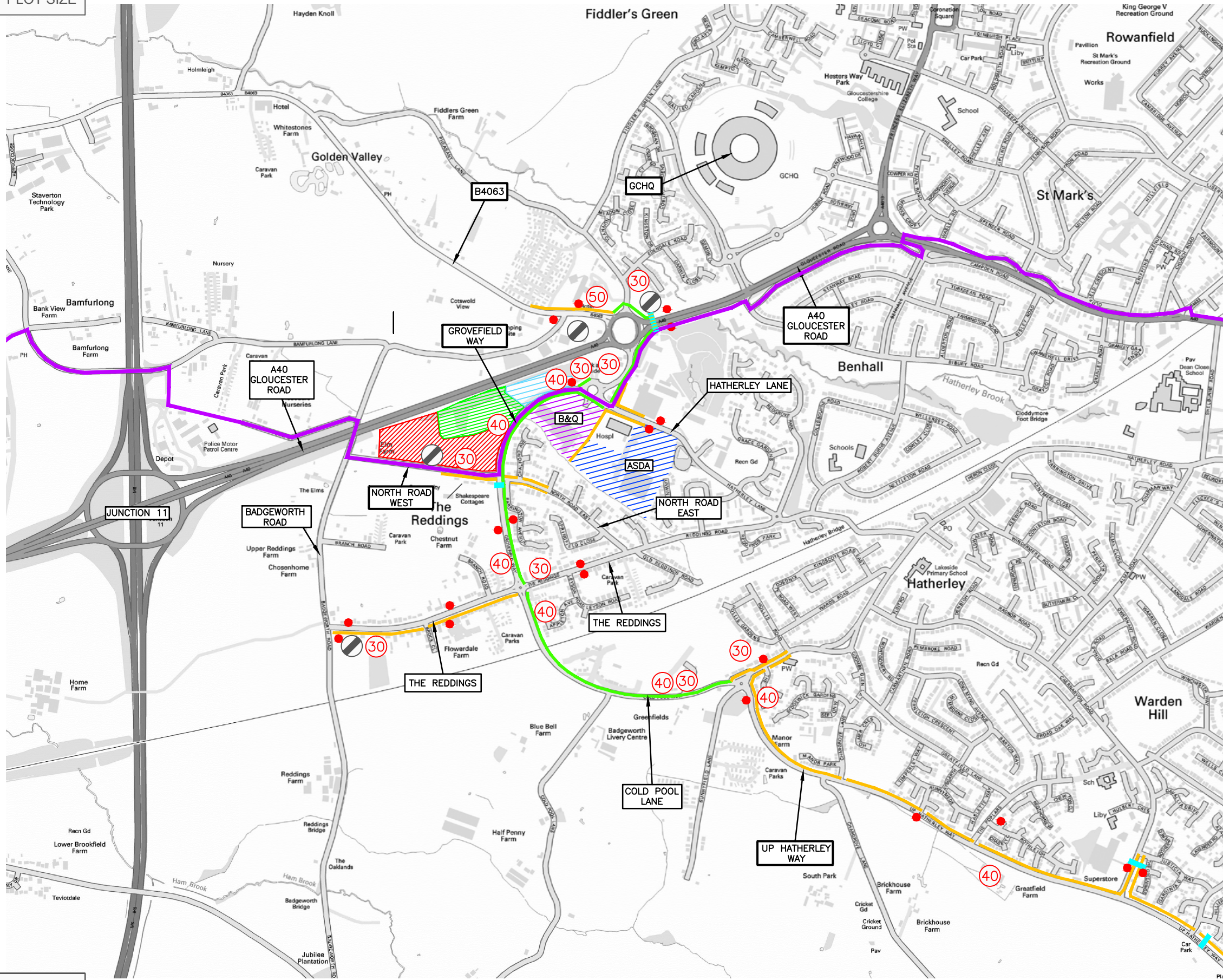
CLIENT: HINTON PROPERTIES

PROJECT: PHASE 2 CORINTHIAN PARK, GROVEFIELD WAY, CHELTENHAM

TITLE: Local Transportation Network

STATUS: INFORMATION

SCALE: 1:12,500	DATE: 27.09.16	DRAWN: RNJ	CHECKED: AJS	APPROVED: MB
JOB NO: 1605-13	DRAWING NO: Figure 2.1	REVISION:		



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# APPENDIX A

20535 CHELTENHAM										
JULY 2016										
Site	Location	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Average 85%ile Speed	Average Mean Speed
Site No: 20535001	Hatherley Lane, Cheltenham (Direction Sign) SO 91151 21636	Channel: Eastbound	Wed 06-Jul-16	Tue 12-Jul-16	30	72688	11324	10384	29.4	24.2
		Channel: Westbound	Wed 06-Jul-16	Tue 12-Jul-16		75398	11433	10771	29.9	25.3

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Wed 06-Jul-16</b>											
00:00	27	0	0.0	23	85.2	2	7.4	2	7.4	0	0.0
01:00	9	0	0.0	7	77.8	1	11.1	1	11.1	0	0.0
02:00	6	0	0.0	5	83.3	1	16.7	0	0.0	0	0.0
03:00	22	0	0.0	20	90.9	1	4.6	1	4.6	0	0.0
04:00	27	0	0.0	22	81.5	2	7.4	2	7.4	1	3.7
05:00	72	2	2.8	60	83.3	5	6.9	3	4.2	2	2.8
06:00	266	3	1.1	243	91.4	14	5.3	6	2.3	0	0.0
07:00	840	13	1.6	754	89.8	55	6.6	16	1.9	2	0.2
08:00	975	7	0.7	905	92.8	30	3.1	32	3.3	1	0.1
09:00	735	2	0.3	661	89.9	59	8.0	10	1.4	3	0.4
10:00	670	2	0.3	604	90.2	47	7.0	13	1.9	4	0.6
11:00	618	1	0.2	556	90.0	46	7.4	14	2.3	1	0.2
12:00	756	1	0.1	690	91.3	48	6.4	14	1.9	3	0.4
13:00	694	1	0.1	627	90.4	52	7.5	13	1.9	1	0.1
14:00	722	3	0.4	660	91.4	44	6.1	14	1.9	1	0.1
15:00	799	5	0.6	723	90.5	47	5.9	23	2.9	1	0.1
16:00	959	13	1.4	876	91.4	27	2.8	43	4.5	0	0.0
17:00	1031	6	0.6	956	92.7	23	2.2	43	4.2	3	0.3
18:00	775	5	0.7	735	94.8	20	2.6	15	1.9	0	0.0
19:00	599	3	0.5	563	94.0	23	3.8	9	1.5	1	0.2
20:00	377	1	0.3	361	95.8	15	4.0	0	0.0	0	0.0
21:00	260	2	0.8	246	94.6	8	3.1	4	1.5	0	0.0
22:00	136	0	0.0	130	95.6	2	1.5	4	2.9	0	0.0
23:00	49	0	0.0	44	89.8	4	8.2	1	2.0	0	0.0
12H,7-19	9574	59	0.6	8747	91.4	498	5.2	250	2.6	20	0.2
16H,6-22	11076	68	0.6	10160	91.7	558	5.0	269	2.4	21	0.2
18H,6-24	11261	68	0.6	10334	91.8	564	5.0	274	2.4	21	0.2
24H,0-24	11424	70	0.6	10471	91.7	576	5.0	283	2.5	24	0.2

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Thu 07-Jul-16</b>											
00:00	25	0	0.0	25	100.0	0	0.0	0	0.0	0	0.0
01:00	17	1	5.9	13	76.5	2	11.8	1	5.9	0	0.0
02:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
03:00	25	0	0.0	22	88.0	3	12.0	0	0.0	0	0.0
04:00	37	0	0.0	33	89.2	3	8.1	1	2.7	0	0.0
05:00	79	1	1.3	70	88.6	7	8.9	1	1.3	0	0.0
06:00	241	1	0.4	223	92.5	15	6.2	2	0.8	0	0.0
07:00	837	8	1.0	763	91.2	43	5.1	23	2.8	0	0.0
08:00	947	7	0.7	869	91.8	41	4.3	24	2.5	6	0.6
09:00	724	0	0.0	663	91.6	47	6.5	13	1.8	1	0.1
10:00	565	3	0.5	507	89.7	42	7.4	12	2.1	1	0.2
11:00	601	2	0.3	532	88.5	55	9.2	11	1.8	1	0.2
12:00	696	4	0.6	630	90.5	38	5.5	22	3.2	2	0.3
13:00	697	4	0.6	627	90.0	45	6.5	18	2.6	3	0.4
14:00	656	3	0.5	589	89.8	51	7.8	13	2.0	0	0.0
15:00	818	7	0.9	746	91.2	42	5.1	21	2.6	2	0.2
16:00	925	6	0.7	838	90.6	30	3.2	47	5.1	4	0.4
17:00	1151	4	0.4	1077	93.6	19	1.7	46	4.0	5	0.4
18:00	848	3	0.4	797	94.0	20	2.4	23	2.7	5	0.6
19:00	596	1	0.2	565	94.8	24	4.0	6	1.0	0	0.0
20:00	365	0	0.0	339	92.9	19	5.2	7	1.9	0	0.0
21:00	245	1	0.4	228	93.1	12	4.9	4	1.6	0	0.0
22:00	160	0	0.0	154	96.3	3	1.9	3	1.9	0	0.0
23:00	60	0	0.0	57	95.0	2	3.3	0	0.0	1	1.7
12H,7-19	9465	51	0.5	8638	91.3	473	5.0	273	2.9	30	0.3
16H,6-22	10912	54	0.5	9993	91.6	543	5.0	292	2.7	30	0.3
18H,6-24	11132	54	0.5	10204	91.7	548	4.9	295	2.7	31	0.3
24H,0-24	11318	56	0.5	10370	91.6	563	5.0	298	2.6	31	0.3

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Fri 08-Jul-16</b>											
00:00	27	0	0.0	25	92.6	1	3.7	1	3.7	0	0.0
01:00	16	0	0.0	12	75.0	3	18.8	1	6.3	0	0.0
02:00	12	0	0.0	9	75.0	1	8.3	2	16.7	0	0.0
03:00	26	0	0.0	24	92.3	1	3.9	1	3.9	0	0.0
04:00	21	0	0.0	20	95.2	1	4.8	0	0.0	0	0.0
05:00	81	2	2.5	74	91.4	3	3.7	1	1.2	1	1.2
06:00	244	4	1.6	228	93.4	8	3.3	4	1.6	0	0.0
07:00	706	10	1.4	624	88.4	54	7.7	17	2.4	1	0.1
08:00	770	6	0.8	708	92.0	42	5.5	14	1.8	0	0.0
09:00	695	2	0.3	641	92.2	41	5.9	8	1.2	3	0.4
10:00	763	4	0.5	683	89.5	60	7.9	16	2.1	0	0.0
11:00	680	1	0.2	624	91.8	35	5.2	19	2.8	1	0.2
12:00	824	9	1.1	745	90.4	50	6.1	19	2.3	1	0.1
13:00	851	2	0.2	771	90.6	50	5.9	25	2.9	3	0.4
14:00	757	6	0.8	676	89.3	54	7.1	19	2.5	2	0.3
15:00	933	5	0.5	856	91.8	35	3.8	34	3.6	3	0.3
16:00	966	6	0.6	896	92.8	36	3.7	27	2.8	1	0.1
17:00	908	5	0.6	846	93.2	28	3.1	29	3.2	0	0.0
18:00	686	2	0.3	653	95.2	20	2.9	11	1.6	0	0.0
19:00	583	2	0.3	553	94.9	23	4.0	5	0.9	0	0.0
20:00	377	2	0.5	357	94.7	13	3.5	5	1.3	0	0.0
21:00	250	0	0.0	240	96.0	7	2.8	3	1.2	0	0.0
22:00	151	0	0.0	141	93.4	6	4.0	4	2.7	0	0.0
23:00	79	0	0.0	77	97.5	1	1.3	1	1.3	0	0.0
12H,7-19	9539	58	0.6	8723	91.5	505	5.3	238	2.5	15	0.2
16H,6-22	10993	66	0.6	10101	91.9	556	5.1	255	2.3	15	0.1
18H,6-24	11223	66	0.6	10319	92.0	563	5.0	260	2.3	15	0.1
24H,0-24	11406	68	0.6	10483	91.9	573	5.0	266	2.3	16	0.1

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Sat 09-Jul-16</b>											
00:00	40	0	0.0	39	97.5	0	0.0	1	2.5	0	0.0
01:00	13	1	7.7	10	76.9	2	15.4	0	0.0	0	0.0
02:00	18	0	0.0	17	94.4	0	0.0	1	5.6	0	0.0
03:00	20	0	0.0	19	95.0	0	0.0	1	5.0	0	0.0
04:00	29	0	0.0	23	79.3	3	10.3	3	10.3	0	0.0
05:00	47	0	0.0	43	91.5	3	6.4	0	0.0	1	2.1
06:00	84	0	0.0	76	90.5	6	7.1	2	2.4	0	0.0
07:00	181	0	0.0	158	87.3	19	10.5	4	2.2	0	0.0
08:00	409	2	0.5	369	90.2	24	5.9	14	3.4	0	0.0
09:00	606	2	0.3	563	92.9	31	5.1	10	1.7	0	0.0
10:00	728	6	0.8	676	92.9	32	4.4	14	1.9	0	0.0
11:00	777	4	0.5	720	92.7	40	5.2	12	1.5	1	0.1
12:00	865	3	0.4	809	93.5	30	3.5	21	2.4	2	0.2
13:00	806	1	0.1	772	95.8	17	2.1	14	1.7	2	0.3
14:00	734	2	0.3	703	95.8	18	2.5	11	1.5	0	0.0
15:00	674	5	0.7	634	94.1	20	3.0	15	2.2	0	0.0
16:00	681	2	0.3	643	94.4	24	3.5	12	1.8	0	0.0
17:00	672	5	0.7	636	94.6	25	3.7	6	0.9	0	0.0
18:00	544	4	0.7	523	96.1	9	1.7	8	1.5	0	0.0
19:00	423	3	0.7	395	93.4	20	4.7	5	1.2	0	0.0
20:00	312	4	1.3	298	95.5	9	2.9	1	0.3	0	0.0
21:00	200	3	1.5	190	95.0	7	3.5	0	0.0	0	0.0
22:00	123	0	0.0	121	98.4	1	0.8	1	0.8	0	0.0
23:00	100	0	0.0	94	94.0	6	6.0	0	0.0	0	0.0
12H,7-19	7677	36	0.5	7206	93.9	289	3.8	141	1.8	5	0.1
16H,6-22	8696	46	0.5	8165	93.9	331	3.8	149	1.7	5	0.1
18H,6-24	8919	46	0.5	8380	94.0	338	3.8	150	1.7	5	0.1
24H,0-24	9086	47	0.5	8531	93.9	346	3.8	156	1.7	6	0.1

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Sun 10-Jul-16</b>											
00:00	56	1	1.8	52	92.9	3	5.4	0	0.0	0	0.0
01:00	19	0	0.0	17	89.5	2	10.5	0	0.0	0	0.0
02:00	16	1	6.3	14	87.5	1	6.3	0	0.0	0	0.0
03:00	13	0	0.0	12	92.3	1	7.7	0	0.0	0	0.0
04:00	26	0	0.0	25	96.2	1	3.9	0	0.0	0	0.0
05:00	24	2	8.3	19	79.2	1	4.2	1	4.2	1	4.2
06:00	44	3	6.8	39	88.6	1	2.3	1	2.3	0	0.0
07:00	89	0	0.0	84	94.4	4	4.5	1	1.1	0	0.0
08:00	202	4	2.0	179	88.6	17	8.4	2	1.0	0	0.0
09:00	330	1	0.3	309	93.6	15	4.6	4	1.2	1	0.3
10:00	696	5	0.7	668	96.0	21	3.0	2	0.3	0	0.0
11:00	743	1	0.1	709	95.4	25	3.4	8	1.1	0	0.0
12:00	817	2	0.2	778	95.2	23	2.8	13	1.6	1	0.1
13:00	753	2	0.3	720	95.6	21	2.8	10	1.3	0	0.0
14:00	709	1	0.1	680	95.9	18	2.5	9	1.3	1	0.1
15:00	700	4	0.6	665	95.0	22	3.1	9	1.3	0	0.0
16:00	398	2	0.5	378	95.0	10	2.5	8	2.0	0	0.0
17:00	343	0	0.0	330	96.2	12	3.5	1	0.3	0	0.0
18:00	308	0	0.0	293	95.1	14	4.6	1	0.3	0	0.0
19:00	203	0	0.0	197	97.0	6	3.0	0	0.0	0	0.0
20:00	218	4	1.8	204	93.6	9	4.1	1	0.5	0	0.0
21:00	139	0	0.0	132	95.0	5	3.6	2	1.4	0	0.0
22:00	93	1	1.1	90	96.8	1	1.1	1	1.1	0	0.0
23:00	41	1	2.4	40	97.6	0	0.0	0	0.0	0	0.0
12H,7-19	6088	22	0.4	5793	95.2	202	3.3	68	1.1	3	0.1
16H,6-22	6692	29	0.4	6365	95.1	223	3.3	72	1.1	3	0.0
18H,6-24	6826	31	0.5	6495	95.2	224	3.3	73	1.1	3	0.0
24H,0-24	6980	35	0.5	6634	95.0	233	3.3	74	1.1	4	0.1

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Mon 11-Jul-16</b>											
00:00	17	1	5.9	15	88.2	0	0.0	1	5.9	0	0.0
01:00	8	0	0.0	6	75.0	2	25.0	0	0.0	0	0.0
02:00	13	0	0.0	11	84.6	2	15.4	0	0.0	0	0.0
03:00	13	0	0.0	13	100.0	0	0.0	0	0.0	0	0.0
04:00	31	0	0.0	24	77.4	5	16.1	2	6.5	0	0.0
05:00	79	3	3.8	67	84.8	6	7.6	2	2.5	1	1.3
06:00	234	1	0.4	213	91.0	18	7.7	2	0.9	0	0.0
07:00	810	10	1.2	731	90.3	38	4.7	31	3.8	0	0.0
08:00	914	3	0.3	842	92.1	42	4.6	22	2.4	5	0.6
09:00	725	0	0.0	661	91.2	54	7.5	9	1.2	1	0.1
10:00	557	2	0.4	509	91.4	33	5.9	12	2.2	1	0.2
11:00	595	3	0.5	531	89.2	48	8.1	12	2.0	1	0.2
12:00	684	6	0.9	628	91.8	30	4.4	19	2.8	1	0.2
13:00	692	5	0.7	618	89.3	46	6.7	20	2.9	3	0.4
14:00	661	3	0.5	591	89.4	54	8.2	13	2.0	0	0.0
15:00	788	10	1.3	723	91.8	35	4.4	19	2.4	1	0.1
16:00	898	6	0.7	811	90.3	32	3.6	46	5.1	3	0.3
17:00	1147	3	0.3	1072	93.5	22	1.9	44	3.8	6	0.5
18:00	818	4	0.5	773	94.5	16	2.0	22	2.7	3	0.4
19:00	585	1	0.2	550	94.0	29	5.0	5	0.9	0	0.0
20:00	379	0	0.0	356	93.9	16	4.2	7	1.9	0	0.0
21:00	246	1	0.4	226	91.9	15	6.1	4	1.6	0	0.0
22:00	156	0	0.0	151	96.8	2	1.3	3	1.9	0	0.0
23:00	64	0	0.0	61	95.3	2	3.1	0	0.0	1	1.6
12H,7-19	9289	55	0.6	8490	91.4	450	4.8	269	2.9	25	0.3
16H,6-22	10733	58	0.5	9835	91.6	528	4.9	287	2.7	25	0.2
18H,6-24	10953	58	0.5	10047	91.7	532	4.9	290	2.7	26	0.2
24H,0-24	11114	62	0.6	10183	91.6	547	4.9	295	2.7	27	0.2

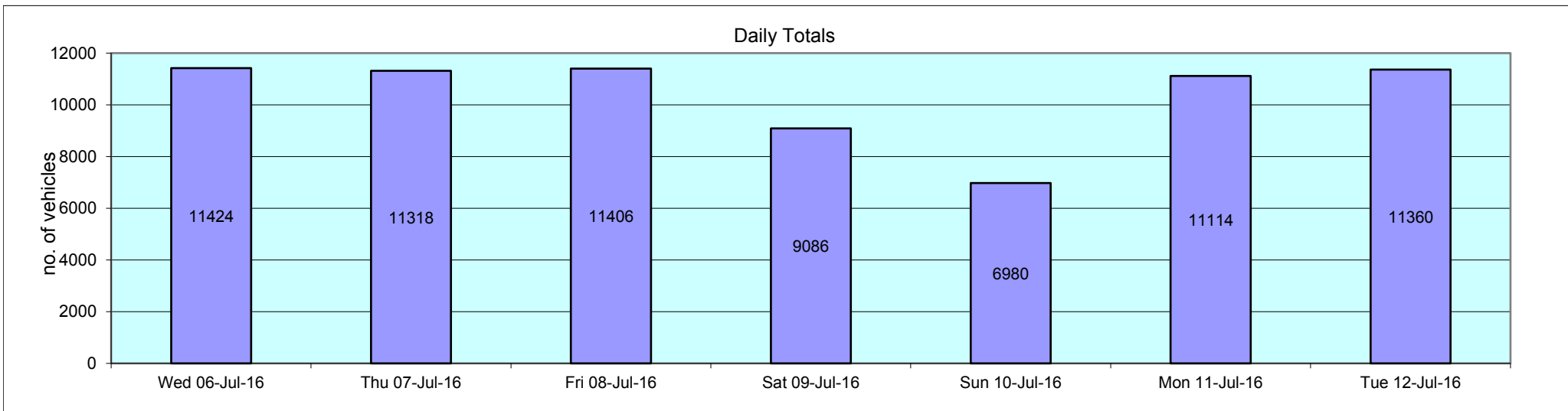


20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Tue 12-Jul-16</b>											
00:00	22	0	0.0	19	86.4	1	4.6	2	9.1	0	0.0
01:00	5	0	0.0	3	60.0	1	20.0	1	20.0	0	0.0
02:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
03:00	19	0	0.0	17	89.5	1	5.3	1	5.3	0	0.0
04:00	28	0	0.0	22	78.6	2	7.1	3	10.7	1	3.6
05:00	68	2	2.9	57	83.8	5	7.4	2	2.9	2	2.9
06:00	275	2	0.7	255	92.7	10	3.6	8	2.9	0	0.0
07:00	835	12	1.4	749	89.7	56	6.7	16	1.9	2	0.2
08:00	941	6	0.6	872	92.7	28	3.0	34	3.6	1	0.1
09:00	751	1	0.1	682	90.8	54	7.2	11	1.5	3	0.4
10:00	691	2	0.3	624	90.3	44	6.4	17	2.5	4	0.6
11:00	623	1	0.2	561	90.1	45	7.2	13	2.1	3	0.5
12:00	754	3	0.4	694	92.0	44	5.8	12	1.6	1	0.1
13:00	660	5	0.8	590	89.4	47	7.1	17	2.6	1	0.2
14:00	704	4	0.6	649	92.2	35	5.0	14	2.0	2	0.3
15:00	832	2	0.2	759	91.2	37	4.5	27	3.3	7	0.8
16:00	950	11	1.2	882	92.8	33	3.5	21	2.2	3	0.3
17:00	975	5	0.5	915	93.9	18	1.9	26	2.7	11	1.1
18:00	770	3	0.4	718	93.3	27	3.5	21	2.7	1	0.1
19:00	556	3	0.5	519	93.4	24	4.3	9	1.6	1	0.2
20:00	437	4	0.9	408	93.4	22	5.0	3	0.7	0	0.0
21:00	261	4	1.5	250	95.8	4	1.5	2	0.8	1	0.4
22:00	132	0	0.0	131	99.2	1	0.8	0	0.0	0	0.0
23:00	66	0	0.0	61	92.4	3	4.6	2	3.0	0	0.0
12H,7-19	9486	55	0.6	8695	91.7	468	4.9	229	2.4	39	0.4
16H,6-22	11015	68	0.6	10127	91.9	528	4.8	251	2.3	41	0.4
18H,6-24	11213	68	0.6	10319	92.0	532	4.7	253	2.3	41	0.4
24H,0-24	11360	70	0.6	10441	91.9	543	4.8	262	2.3	44	0.4

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Daily Totals</b>											
Wed 06-Jul-16	11424	70	0.6	10471	91.7	576	5.0	283	2.5	24	0.2
Thu 07-Jul-16	11318	56	0.5	10370	91.6	563	5.0	298	2.6	31	0.3
Fri 08-Jul-16	11406	68	0.6	10483	91.9	573	5.0	266	2.3	16	0.1
Sat 09-Jul-16	9086	47	0.5	8531	93.9	346	3.8	156	1.7	6	0.1
Sun 10-Jul-16	6980	35	0.5	6634	95.0	233	3.3	74	1.1	4	0.1
Mon 11-Jul-16	11114	62	0.6	10183	91.6	547	4.9	295	2.7	27	0.2
Tue 12-Jul-16	11360	70	0.6	10441	91.9	543	4.8	262	2.3	44	0.4
<b>Total Vehicles</b>											
[--]	72688	408	0.6	67113	92.5	3381	4.6	1634	2.2	152	0.2



20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
<b>Wed 06-Jul-16</b>																
00:00	27	33.2	29.1	3.8	0	0	0	0	5	14	8	0	0	0	0	0
01:00	9	-	27.4	5.6	0	0	0	1	2	5	0	1	0	0	0	0
02:00	6	-	28.5	3.4	0	0	0	0	1	4	1	0	0	0	0	0
03:00	22	32.2	28	4	0	0	0	0	7	10	5	0	0	0	0	0
04:00	27	31.6	28.5	3.9	0	0	0	0	6	16	4	1	0	0	0	0
05:00	72	33	28.4	4.5	0	0	1	2	14	37	17	1	0	0	0	0
06:00	266	31.7	28.6	3.4	0	0	0	2	40	177	46	1	0	0	0	0
07:00	840	28.6	22.7	6	3	42	92	81	369	241	11	1	0	0	0	0
<b>08:00</b>	<b>975</b>	<b>27.4</b>	<b>20.1</b>	<b>6.9</b>	<b>7</b>	<b>126</b>	<b>145</b>	<b>174</b>	<b>322</b>	<b>192</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
09:00	735	29.3	24.2	5.2	1	18	33	85	298	290	8	2	0	0	0	0
10:00	670	29.4	25.6	3.7	0	0	2	16	384	248	14	4	0	0	2	0
11:00	618	29.8	25.8	3.7	0	0	0	39	284	269	26	0	0	0	0	0
12:00	756	29.3	25.2	3.7	0	0	1	63	398	269	23	2	0	0	0	0
13:00	694	29.8	26	3.6	0	0	0	40	285	349	20	0	0	0	0	0
14:00	722	29.8	26	3.6	0	1	0	30	329	334	26	2	0	0	0	0
15:00	799	28.7	23.4	5.2	0	18	64	95	377	231	14	0	0	0	0	0
16:00	959	24.8	17.9	6.3	16	128	215	289	218	88	5	0	0	0	0	0
<b>17:00</b>	<b>1031</b>	<b>23.1</b>	<b>16.2</b>	<b>6</b>	<b>3</b>	<b>185</b>	<b>398</b>	<b>220</b>	<b>166</b>	<b>50</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
18:00	775	29.5	25.2	4.1	0	0	16	57	389	278	33	2	0	0	0	0
19:00	599	30.3	26.6	3.9	0	0	1	23	225	305	40	3	2	0	0	0
20:00	377	30.6	27.3	3.6	0	0	0	4	122	211	38	2	0	0	0	0
21:00	260	30.6	26.8	3.9	0	0	0	5	109	116	29	1	0	0	0	0
22:00	136	30.8	27.8	3.6	0	0	0	1	35	82	17	1	0	0	0	0
23:00	49	32.6	28.6	4.4	0	0	0	1	10	27	10	0	1	0	0	0
<b>12H,7-19</b>	<b>9574</b>	<b>28.8</b>	<b>22.7</b>	<b>6.2</b>	<b>30</b>	<b>518</b>	<b>966</b>	<b>1189</b>	<b>3819</b>	<b>2839</b>	<b>198</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>
<b>16H,6-22</b>	<b>11076</b>	<b>29.2</b>	<b>23.3</b>	<b>6.1</b>	<b>30</b>	<b>518</b>	<b>967</b>	<b>1223</b>	<b>4315</b>	<b>3648</b>	<b>351</b>	<b>20</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>
<b>18H,6-24</b>	<b>11261</b>	<b>29.3</b>	<b>23.4</b>	<b>6.1</b>	<b>30</b>	<b>518</b>	<b>967</b>	<b>1225</b>	<b>4360</b>	<b>3757</b>	<b>378</b>	<b>21</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>0</b>
<b>24H,0-24</b>	<b>11424</b>	<b>29.3</b>	<b>23.5</b>	<b>6.1</b>	<b>30</b>	<b>518</b>	<b>968</b>	<b>1228</b>	<b>4395</b>	<b>3843</b>	<b>413</b>	<b>24</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>0</b>

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
<b>Thu 07-Jul-16</b>																
00:00	25	34.8	29.9	5.1	0	0	0	1	4	9	9	2	0	0	0	0
01:00	17	30.8	28.5	4.9	0	0	0	0	5	9	1	2	0	0	0	0
02:00	3	-	30.2	3.1	0	0	0	0	0	2	1	0	0	0	0	0
03:00	25	31.8	27.9	3.9	0	0	0	0	8	12	5	0	0	0	0	0
04:00	37	33.9	29.3	4.2	0	0	0	0	8	16	12	1	0	0	0	0
05:00	79	34.1	29.6	4.5	0	0	1	0	11	40	24	2	1	0	0	0
06:00	241	31.6	28.7	3.5	0	0	0	3	28	169	36	5	0	0	0	0
07:00	837	29	22.7	6.4	2	28	106	141	288	240	27	2	1	0	0	2
08:00	947	27.9	22	5.8	0	53	90	177	410	201	14	2	0	0	0	0
09:00	724	29.1	25.1	3.5	0	1	0	47	408	255	12	1	0	0	0	0
10:00	565	29.6	25.8	3.6	1	0	0	22	278	247	16	1	0	0	0	0
11:00	601	29.6	25.8	3.4	0	0	0	19	307	256	18	1	0	0	0	0
12:00	696	29.4	25.3	3.6	0	0	0	50	368	257	20	1	0	0	0	0
13:00	697	29.2	24.8	4.1	0	4	7	75	353	240	18	0	0	0	0	0
14:00	656	29.6	25.6	3.9	0	1	5	37	317	274	18	1	3	0	0	0
15:00	818	28.4	24	4.1	0	4	14	126	448	210	15	1	0	0	0	0
16:00	925	24	16.8	6.3	8	161	288	221	177	64	6	0	0	0	0	0
17:00	1151	20.5	15.3	5	9	204	458	338	128	14	0	0	0	0	0	0
18:00	848	27.8	20.8	6.5	3	69	142	158	285	180	10	1	0	0	0	0
19:00	596	29.7	25.9	3.4	0	0	0	19	288	271	18	0	0	0	0	0
20:00	365	30.1	26.4	3.9	0	0	5	10	144	183	21	2	0	0	0	0
21:00	245	30.3	26.5	4.1	0	0	1	13	94	117	17	3	0	0	0	0
22:00	160	30.7	27.4	3.8	0	0	0	3	50	87	18	2	0	0	0	0
23:00	60	32	28.3	3.6	0	0	0	0	14	34	12	0	0	0	0	0
12H,7-19	9465	28.5	22.2	6.2	23	525	1110	1411	3767	2438	174	11	4	0	0	2
16H,6-22	10912	28.9	22.8	6.1	23	525	1116	1456	4321	3178	266	21	4	0	0	2
18H,6-24	11132	29	22.9	6.1	23	525	1116	1459	4385	3299	296	23	4	0	0	2
24H,0-24	11318	29.1	23	6.1	23	525	1117	1460	4421	3387	348	30	5	0	0	2

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
<b>Fri 08-Jul-16</b>																
00:00	27	32.8	28.1	5.4	0	0	1	0	7	13	4	2	0	0	0	0
01:00	16	32.8	29.4	4	0	0	0	0	2	10	3	1	0	0	0	0
02:00	12	29.5	27.3	5	0	0	0	0	6	4	1	1	0	0	0	0
03:00	26	30.5	27.3	3.8	0	0	0	0	10	12	4	0	0	0	0	0
04:00	21	29.6	25.9	3.7	0	0	0	0	13	6	2	0	0	0	0	0
05:00	81	34.2	29.5	4.5	0	0	0	2	14	32	32	0	1	0	0	0
06:00	244	31.1	28.7	3.2	0	0	1	0	28	177	36	2	0	0	0	0
07:00	706	29.7	25.7	3.8	0	0	2	49	326	303	23	3	0	0	0	0
08:00	770	29.4	25.5	3.8	0	0	3	39	404	303	18	0	2	0	0	1
09:00	695	29.7	25.9	3.5	0	0	0	18	361	283	32	1	0	0	0	0
10:00	763	29.3	25.2	3.7	0	1	4	48	409	284	15	2	0	0	0	0
11:00	680	29.2	25.2	3.5	0	0	1	46	365	255	12	1	0	0	0	0
12:00	824	29	24.5	4.1	1	2	15	97	425	267	17	0	0	0	0	0
13:00	851	29	24.1	4.9	1	13	40	89	430	253	22	3	0	0	0	0
14:00	757	28.5	23.1	5.5	1	39	36	98	376	188	19	0	0	0	0	0
15:00	933	26.6	20.6	6.2	1	67	172	159	376	146	12	0	0	0	0	0
16:00	966	27.9	22.3	5.7	5	37	102	137	457	215	12	1	0	0	0	0
17:00	908	28.2	23.6	4.5	0	12	33	137	488	228	8	2	0	0	0	0
18:00	686	29.7	25.8	3.7	0	1	0	35	334	286	27	3	0	0	0	0
19:00	583	30	26.2	3.7	0	0	0	19	277	246	38	3	0	0	0	0
20:00	377	30.4	26.4	4	0	0	0	8	189	141	36	2	1	0	0	0
21:00	250	30.2	26.4	4	0	0	0	10	110	109	17	4	0	0	0	0
22:00	151	31	27.3	4.2	0	0	0	4	54	70	21	1	1	0	0	0
23:00	79	32.8	29.2	4.1	0	0	0	0	11	50	16	1	0	1	0	0
12H,7-19	9539	29	24.1	4.9	9	172	408	952	4751	3011	217	16	2	0	0	1
16H,6-22	10993	29.3	24.5	4.8	9	172	409	989	5355	3684	344	27	3	0	0	1
18H,6-24	11223	29.3	24.5	4.8	9	172	409	993	5420	3804	381	29	4	1	0	1
24H,0-24	11406	29.4	24.6	4.9	9	172	410	995	5472	3881	427	33	5	1	0	1

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
<b>Sat 09-Jul-16</b>																
00:00	40	32.6	28.3	4.3	0	0	0	1	10	20	8	1	0	0	0	0
01:00	13	32.4	28.9	5.7	0	0	0	0	4	6	2	0	1	0	0	0
02:00	18	29.4	26	3.4	0	0	0	0	10	7	1	0	0	0	0	0
03:00	20	34.8	30	6.4	0	0	0	1	2	12	2	2	0	1	0	0
04:00	29	32.2	28.7	4.1	0	0	0	1	4	18	5	1	0	0	0	0
05:00	47	32.4	28.9	3.6	0	0	0	0	7	30	9	1	0	0	0	0
06:00	84	32.8	28.4	4.5	0	0	0	2	20	43	16	2	1	0	0	0
07:00	181	31.5	28.5	3.7	0	0	0	0	36	115	25	5	0	0	0	0
08:00	409	30.5	27.1	3.9	1	0	1	8	134	224	37	4	0	0	0	0
09:00	606	29.9	26.4	3.3	0	0	0	9	262	312	22	1	0	0	0	0
10:00	728	29.5	25.2	4.1	0	2	13	51	351	287	23	0	1	0	0	0
11:00	777	29.5	25.6	3.5	0	0	1	37	403	314	19	3	0	0	0	0
12:00	865	28	23.8	3.9	0	6	10	130	507	203	9	0	0	0	0	0
13:00	806	29.7	25.7	3.7	0	1	1	51	372	354	26	0	1	0	0	0
14:00	734	29.7	25.9	3.6	0	0	0	38	338	331	27	0	0	0	0	0
15:00	674	29.6	25.8	3.5	0	0	0	28	332	295	18	1	0	0	0	0
16:00	681	30	26.1	3.9	0	0	3	35	299	302	38	3	1	0	0	0
17:00	672	30.1	26.3	3.6	0	0	0	29	269	336	38	0	0	0	0	0
18:00	544	30.3	26.6	3.7	0	0	0	19	210	274	39	2	0	0	0	0
19:00	423	30.2	26.6	3.8	0	0	0	20	151	223	27	2	0	0	0	0
20:00	312	30.5	26.9	4.1	0	0	0	6	126	148	26	4	2	0	0	0
21:00	200	30.3	26.6	4	0	0	0	7	84	91	16	1	1	0	0	0
22:00	123	30.9	28	3.9	0	0	0	3	27	76	14	3	0	0	0	0
23:00	100	30.3	27	3.5	0	0	0	2	33	58	7	0	0	0	0	0
12H,7-19	7677	29.8	25.8	3.8	1	9	29	435	3513	3347	321	19	3	0	0	0
16H,6-22	8696	29.9	25.9	3.9	1	9	29	470	3894	3852	406	28	7	0	0	0
18H,6-24	8919	29.9	26	3.9	1	9	29	475	3954	3986	427	31	7	0	0	0
24H,0-24	9086	29.9	26	3.9	1	9	29	478	3991	4079	454	36	8	1	0	0

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
<b>Sun 10-Jul-16</b>																
00:00	56	32.4	28.6	3.8	0	0	0	0	12	32	11	1	0	0	0	0
01:00	19	30.1	28.5	4	0	0	0	0	4	12	2	1	0	0	0	0
02:00	16	31.2	27.9	3.9	0	0	0	0	5	8	3	0	0	0	0	0
03:00	13	29.9	27.7	3.7	0	0	0	0	4	7	2	0	0	0	0	0
04:00	26	34.7	31.2	3.8	0	0	0	0	3	6	17	0	0	0	0	0
05:00	24	32.1	27.9	5.3	0	0	1	1	4	13	4	1	0	0	0	0
06:00	44	33.5	29.3	3.8	0	0	0	0	7	24	12	1	0	0	0	0
07:00	89	32	27.8	4	0	0	0	0	30	42	16	1	0	0	0	0
08:00	202	30.9	27.6	4.3	0	0	0	9	55	109	24	4	1	0	0	0
09:00	330	30.6	27.7	3.7	0	0	2	1	81	212	31	1	2	0	0	0
10:00	696	29.6	25.8	3.3	0	0	0	19	353	304	20	0	0	0	0	0
11:00	743	29.3	25	4	0	1	20	43	399	257	23	0	0	0	0	0
12:00	817	28.8	24.6	3.7	0	0	17	59	467	269	4	1	0	0	0	0
13:00	753	29.2	25.1	3.7	0	2	5	49	408	272	17	0	0	0	0	0
14:00	709	29.6	25.6	3.6	0	0	0	39	352	297	19	2	0	0	0	0
15:00	700	29.5	25.6	3.4	0	0	0	22	382	270	26	0	0	0	0	0
16:00	398	30.1	26.4	3.8	0	0	1	15	167	191	19	5	0	0	0	0
17:00	343	30.5	27.4	3.7	0	0	0	6	103	201	29	4	0	0	0	0
18:00	308	30.6	27.3	3.6	0	0	0	4	98	174	30	2	0	0	0	0
19:00	203	30.7	27.6	3.7	0	0	0	4	54	122	21	2	0	0	0	0
20:00	218	31.6	28.1	3.8	0	0	0	4	50	127	34	3	0	0	0	0
21:00	139	31.9	27.6	4.6	0	0	0	7	40	67	20	5	0	0	0	0
22:00	93	33	28.4	4.6	0	0	0	1	27	44	16	4	1	0	0	0
23:00	41	33.7	29.1	4.5	0	0	0	0	9	21	8	3	0	0	0	0
12H,7-19	6088	29.8	25.8	3.8	0	3	45	266	2895	2598	258	20	3	0	0	0
16H,6-22	6692	29.9	26	3.9	0	3	45	281	3046	2938	345	31	3	0	0	0
18H,6-24	6826	30	26.1	3.9	0	3	45	282	3082	3003	369	38	4	0	0	0
24H,0-24	6980	30	26.1	3.9	0	3	46	283	3114	3081	408	41	4	0	0	0

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
<b>Mon 11-Jul-16</b>																
00:00	17	32.6	28.8	4.4	0	0	0	0	4	9	3	1	0	0	0	0
01:00	8	-	24.1	3.5	0	0	0	1	5	2	0	0	0	0	0	0
02:00	13	33.6	30	3.5	0	0	0	0	1	7	5	0	0	0	0	0
03:00	13	34	29.7	4.4	0	0	0	0	3	4	6	0	0	0	0	0
04:00	31	32.8	28.5	3.9	0	0	0	0	8	15	8	0	0	0	0	0
05:00	79	33.7	29.3	4.7	0	0	2	0	9	45	20	2	1	0	0	0
06:00	234	32.2	28.8	3.7	0	0	0	4	28	157	39	6	0	0	0	0
07:00	810	29.1	22.9	6.4	1	25	101	131	287	230	30	2	1	0	0	2
08:00	914	27.9	22.1	5.8	0	52	89	153	405	203	11	1	0	0	0	0
09:00	725	29.2	25.1	3.6	0	1	0	53	395	261	14	1	0	0	0	0
10:00	557	29.6	25.8	3.5	1	0	0	21	269	252	13	1	0	0	0	0
11:00	595	29.5	25.6	3.4	0	0	0	20	316	245	13	1	0	0	0	0
12:00	684	29.4	25.3	3.6	0	0	0	52	349	265	18	0	0	0	0	0
13:00	692	29.2	24.8	4.1	0	6	7	65	349	248	17	0	0	0	0	0
14:00	661	29.5	25.5	4	0	1	7	39	323	272	15	1	3	0	0	0
15:00	788	28.5	24	4.1	0	5	9	119	435	203	16	1	0	0	0	0
16:00	898	23.9	16.7	6.1	6	154	294	212	169	60	3	0	0	0	0	0
17:00	1147	20.4	15.2	5	10	209	462	337	115	14	0	0	0	0	0	0
18:00	818	27.6	20.8	6.4	2	58	144	159	276	170	8	1	0	0	0	0
19:00	585	29.7	25.9	3.4	0	0	0	20	279	267	19	0	0	0	0	0
20:00	379	30	26.2	3.9	0	0	5	12	159	182	20	1	0	0	0	0
21:00	246	30.3	26.5	4	0	0	1	14	86	126	17	2	0	0	0	0
22:00	156	30.8	27.3	4	0	0	0	4	51	81	18	2	0	0	0	0
23:00	64	33	28.7	3.8	0	0	0	0	15	32	17	0	0	0	0	0
12H,7-19	9289	28.5	22.2	6.2	20	511	1113	1361	3688	2423	158	9	4	0	0	2
16H,6-22	10733	28.9	22.8	6.1	20	511	1119	1411	4240	3155	253	18	4	0	0	2
18H,6-24	10953	29	22.9	6.1	20	511	1119	1415	4306	3268	288	20	4	0	0	2
24H,0-24	11114	29	23	6.1	20	511	1121	1416	4336	3350	330	23	5	0	0	2



20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
<b>Tue 12-Jul-16</b>																
00:00	22	30.4	27.6	3.3	0	0	0	0	6	14	2	0	0	0	0	0
01:00	5	-	25.5	4.6	0	0	0	1	1	3	0	0	0	0	0	0
02:00	5	-	28.5	3.7	0	0	0	0	1	3	1	0	0	0	0	0
03:00	19	32.7	28.8	3.8	0	0	0	0	4	10	5	0	0	0	0	0
04:00	28	30.8	28.3	3.7	0	0	0	0	6	18	3	1	0	0	0	0
05:00	68	33	28.3	4.5	0	0	1	1	16	33	16	1	0	0	0	0
06:00	275	31.1	28.4	3.3	0	0	0	2	46	184	42	1	0	0	0	0
07:00	835	28.6	22.7	6	3	44	89	81	370	234	13	1	0	0	0	0
08:00	941	27.2	20.2	6.8	8	114	135	181	320	173	10	0	0	0	0	0
09:00	751	29.3	24.3	5.1	1	18	32	76	315	297	9	3	0	0	0	0
10:00	691	29.3	25.5	3.6	0	0	3	15	403	248	16	5	0	0	1	0
11:00	623	30.2	26.4	3.8	0	1	0	28	251	299	42	2	0	0	0	0
12:00	754	29.6	25	4.9	1	15	32	34	325	321	26	0	0	0	0	0
13:00	660	29.8	25.9	3.7	0	0	2	34	298	296	29	1	0	0	0	0
14:00	704	29.7	25.9	3.6	0	0	1	35	320	326	18	4	0	0	0	0
15:00	832	27.9	20.3	7.1	3	100	160	113	264	176	15	1	0	0	0	0
16:00	950	24.9	17.1	6.9	14	213	226	186	214	90	7	0	0	0	0	0
17:00	975	22.5	16.4	5.9	5	206	227	340	163	28	3	3	0	0	0	0
18:00	770	29.6	24.9	4.7	1	6	27	73	329	305	27	2	0	0	0	0
19:00	556	30.4	27.1	3.5	0	0	0	5	194	308	48	1	0	0	0	0
20:00	437	30.2	26.7	3.4	0	0	0	3	184	220	30	0	0	0	0	0
21:00	261	30.5	26.8	3.8	0	0	0	7	102	126	25	1	0	0	0	0
22:00	132	33.4	28.8	4.5	0	0	0	1	32	64	31	3	0	1	0	0
23:00	66	33.2	29.2	3.7	0	0	0	0	10	38	17	1	0	0	0	0
12H,7-19	9486	28.9	22.4	6.5	36	717	934	1196	3572	2793	215	22	0	0	1	0
16H,6-22	11015	29.3	23.1	6.4	36	717	934	1213	4098	3631	360	25	0	0	1	0
18H,6-24	11213	29.3	23.2	6.4	36	717	934	1214	4140	3733	408	29	0	1	1	0
24H,0-24	11360	29.4	23.2	6.4	36	717	935	1216	4174	3814	435	31	0	1	1	0

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Eastbound

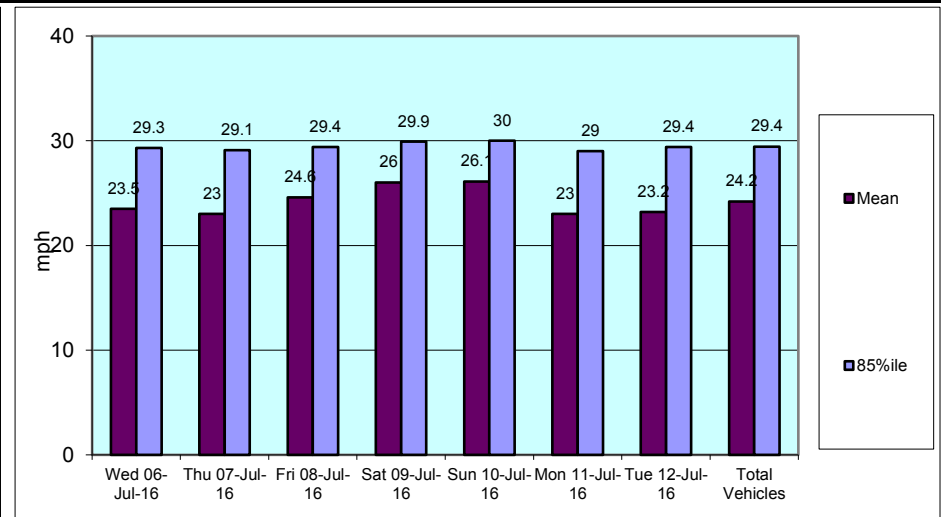
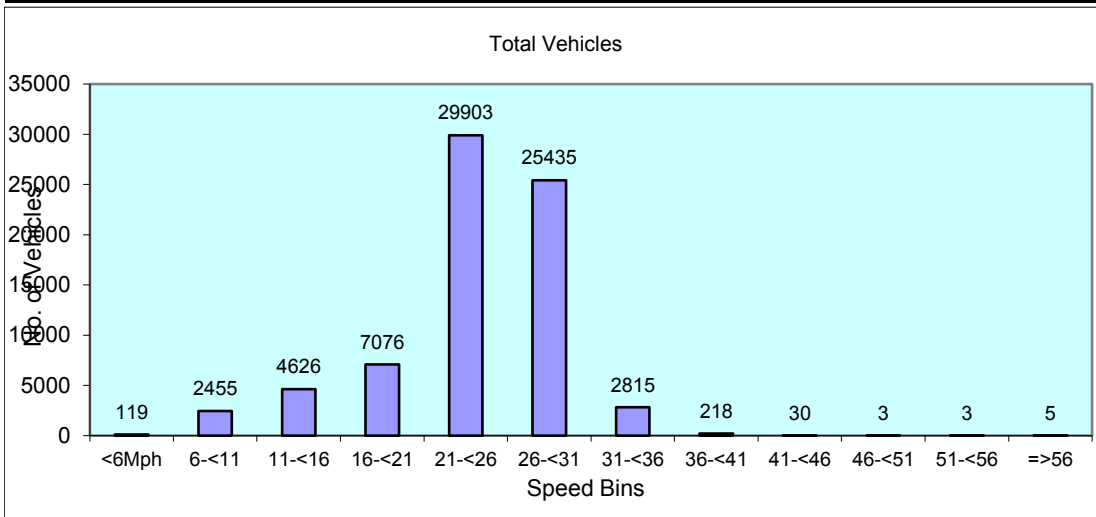
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
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**Daily Totals**

Wed 06-Jul-16	<b>11424</b>	29.3	23.5	6.1	30	518	968	1228	4395	3843	413	24	3	0	2	0
Thu 07-Jul-16	<b>11318</b>	29.1	23	6.1	23	525	1117	1460	4421	3387	348	30	5	0	0	2
Fri 08-Jul-16	<b>11406</b>	29.4	24.6	4.9	9	172	410	995	5472	3881	427	33	5	1	0	1
Sat 09-Jul-16	<b>9086</b>	29.9	26	3.9	1	9	29	478	3991	4079	454	36	8	1	0	0
Sun 10-Jul-16	<b>6980</b>	30	26.1	3.9	0	3	46	283	3114	3081	408	41	4	0	0	0
Mon 11-Jul-16	<b>11114</b>	29	23	6.1	20	511	1121	1416	4336	3350	330	23	5	0	0	2
Tue 12-Jul-16	<b>11360</b>	29.4	23.2	6.4	36	717	935	1216	4174	3814	435	31	0	1	1	0

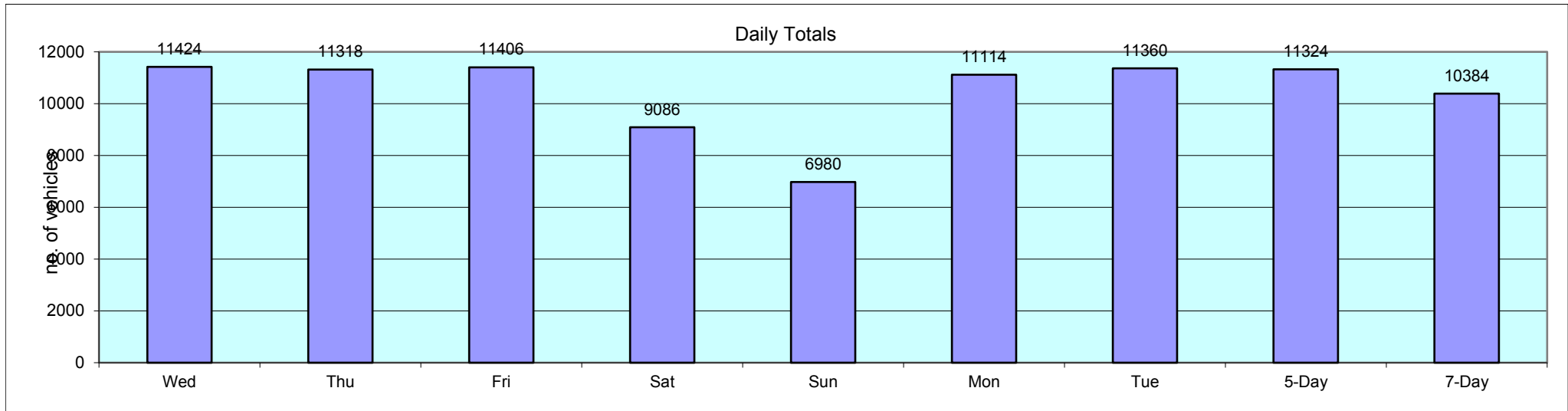
**Total Vehicles**

[--]	<b>72688</b>	29.4	24.2	5.3	119	2455	4626	7076	29903	25435	2815	218	30	3	3	5
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20535	CHELTENHAM		Site No: 20535001			Location		Hatherley Lane, Cheltenham (Direction Sign)		
	Channel: Eastbound									
TIME PERIOD	Wed 06/07/16	Thu 07/07/16	Fri 08/07/16	Sat 09/07/16	Sun 10/07/16	Mon 11/07/16	Tue 12/07/16	5-Day Av	7-Day Av	
Week Begin: 06-Jul-16										
00:00	27	25	27	40	56	17	22	24	31	
01:00	9	17	16	13	19	8	5	11	12	
02:00	6	3	12	18	16	13	5	8	10	
03:00	22	25	26	20	13	13	19	21	20	
04:00	27	37	21	29	26	31	28	29	28	
05:00	72	79	81	47	24	79	68	76	64	
06:00	266	241	244	84	44	234	275	252	198	
07:00	840	837	706	181	89	810	835	806	614	
08:00	975	947	770	409	202	914	941	909	737	
09:00	735	724	695	606	330	725	751	726	652	
10:00	670	565	763	728	696	557	691	649	667	
11:00	618	601	680	777	743	595	623	623	662	
12:00	756	696	824	865	817	684	754	743	771	
13:00	694	697	851	806	753	692	660	719	736	
14:00	722	656	757	734	709	661	704	700	706	
15:00	799	818	933	674	700	788	832	834	792	
16:00	959	925	966	681	398	898	950	940	825	
17:00	1031	1151	908	672	343	1147	975	1042	890	
18:00	775	848	686	544	308	818	770	779	678	
19:00	599	596	583	423	203	585	556	584	506	
20:00	377	365	377	312	218	379	437	387	352	
21:00	260	245	250	200	139	246	261	252	229	
22:00	136	160	151	123	93	156	132	147	136	
23:00	49	60	79	100	41	64	66	64	66	
<b>12H,7-19</b>	<b>9574</b>	<b>9465</b>	<b>9539</b>	<b>7677</b>	<b>6088</b>	<b>9289</b>	<b>9486</b>	<b>9471</b>	<b>8731</b>	
<b>16H,6-22</b>	<b>11076</b>	<b>10912</b>	<b>10993</b>	<b>8696</b>	<b>6692</b>	<b>10733</b>	<b>11015</b>	<b>10946</b>	<b>10017</b>	
<b>18H,6-24</b>	<b>11261</b>	<b>11132</b>	<b>11223</b>	<b>8919</b>	<b>6826</b>	<b>10953</b>	<b>11213</b>	<b>11156</b>	<b>10218</b>	
<b>24H,0-24</b>	<b>11424</b>	<b>11318</b>	<b>11406</b>	<b>9086</b>	<b>6980</b>	<b>11114</b>	<b>11360</b>	<b>11324</b>	<b>10384</b>	
<b>Am</b>	<b>08:00</b>	<b>08:00</b>	<b>08:00</b>	<b>11:00</b>	<b>11:00</b>	<b>08:00</b>	<b>08:00</b>	-	-	
<b>Peak</b>	<b>975</b>	<b>947</b>	<b>770</b>	<b>777</b>	<b>743</b>	<b>914</b>	<b>941</b>	<b>909</b>	<b>867</b>	
<b>Pm</b>	<b>17:00</b>	<b>17:00</b>	<b>16:00</b>	<b>12:00</b>	<b>12:00</b>	<b>17:00</b>	<b>17:00</b>	-	-	
<b>Peak</b>	<b>1031</b>	<b>1151</b>	<b>966</b>	<b>865</b>	<b>817</b>	<b>1147</b>	<b>975</b>	<b>1054</b>	<b>993</b>	

TIME PERIOD	Wed 06/07/16	Thu 07/07/16	Fri 08/07/16	Sat 09/07/16	Sun 10/07/16	Mon 11/07/16	Tue 12/07/16	5-Day Av	7-Day Av
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20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Westbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Wed 06-Jul-16</b>											
00:00	31	0	0.0	30	96.8	0	0.0	1	3.2	0	0.0
01:00	10	1	10.0	7	70.0	2	20.0	0	0.0	0	0.0
02:00	11	0	0.0	7	63.6	2	18.2	2	18.2	0	0.0
03:00	15	0	0.0	13	86.7	1	6.7	1	6.7	0	0.0
04:00	18	1	5.6	12	66.7	2	11.1	2	11.1	1	5.6
05:00	60	3	5.0	48	80.0	6	10.0	2	3.3	1	1.7
06:00	252	2	0.8	225	89.3	22	8.7	2	0.8	1	0.4
07:00	635	9	1.4	556	87.6	58	9.1	12	1.9	0	0.0
08:00	931	13	1.4	856	91.9	38	4.1	23	2.5	1	0.1
09:00	744	6	0.8	656	88.2	58	7.8	18	2.4	6	0.8
10:00	740	3	0.4	672	90.8	48	6.5	14	1.9	3	0.4
11:00	710	3	0.4	662	93.2	36	5.1	9	1.3	0	0.0
12:00	770	8	1.0	709	92.1	36	4.7	17	2.2	0	0.0
13:00	851	4	0.5	777	91.3	58	6.8	10	1.2	2	0.2
14:00	815	7	0.9	719	88.2	63	7.7	25	3.1	1	0.1
15:00	819	5	0.6	773	94.4	36	4.4	5	0.6	0	0.0
16:00	783	11	1.4	735	93.9	27	3.5	8	1.0	2	0.3
17:00	897	22	2.5	847	94.4	17	1.9	11	1.2	0	0.0
18:00	868	12	1.4	818	94.2	27	3.1	11	1.3	0	0.0
19:00	673	5	0.7	642	95.4	17	2.5	9	1.3	0	0.0
20:00	449	7	1.6	429	95.6	10	2.2	3	0.7	0	0.0
21:00	334	5	1.5	313	93.7	14	4.2	2	0.6	0	0.0
22:00	189	2	1.1	181	95.8	2	1.1	4	2.1	0	0.0
23:00	97	1	1.0	92	94.9	4	4.1	0	0.0	0	0.0
12H,7-19	9563	103	1.1	8780	91.8	502	5.3	163	1.7	15	0.2
16H,6-22	11271	122	1.1	10389	92.2	565	5.0	179	1.6	16	0.1
18H,6-24	11557	125	1.1	10662	92.3	571	4.9	183	1.6	16	0.1
24H,0-24	11702	130	1.1	10779	92.1	584	5.0	191	1.6	18	0.2

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Westbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Thu 07-Jul-16</b>											
00:00	28	0	0.0	26	92.9	2	7.1	0	0.0	0	0.0
01:00	23	0	0.0	20	87.0	2	8.7	1	4.4	0	0.0
02:00	8	0	0.0	8	100.0	0	0.0	0	0.0	0	0.0
03:00	13	0	0.0	6	46.2	2	15.4	4	30.8	1	7.7
04:00	19	1	5.3	13	68.4	5	26.3	0	0.0	0	0.0
05:00	55	1	1.8	48	87.3	3	5.5	1	1.8	2	3.6
06:00	258	4	1.6	230	89.2	20	7.8	3	1.2	1	0.4
07:00	642	10	1.6	572	89.1	48	7.5	11	1.7	1	0.2
08:00	855	5	0.6	787	92.1	50	5.9	12	1.4	1	0.1
09:00	717	3	0.4	641	89.4	64	8.9	9	1.3	0	0.0
10:00	694	9	1.3	638	91.9	38	5.5	7	1.0	2	0.3
11:00	694	4	0.6	636	91.6	44	6.3	8	1.2	2	0.3
12:00	734	2	0.3	688	93.7	34	4.6	10	1.4	0	0.0
13:00	793	6	0.8	733	92.4	42	5.3	8	1.0	4	0.5
14:00	781	5	0.6	711	91.0	54	6.9	10	1.3	1	0.1
15:00	752	6	0.8	702	93.4	37	4.9	7	0.9	0	0.0
16:00	811	15	1.9	757	93.3	27	3.3	12	1.5	0	0.0
17:00	728	13	1.8	690	94.8	18	2.5	7	1.0	0	0.0
18:00	844	12	1.4	804	95.3	21	2.5	6	0.7	1	0.1
19:00	699	6	0.9	662	94.7	22	3.2	9	1.3	0	0.0
20:00	460	3	0.7	444	96.5	11	2.4	2	0.4	0	0.0
21:00	318	2	0.6	302	95.0	13	4.1	1	0.3	0	0.0
22:00	195	1	0.5	185	94.9	5	2.6	3	1.5	1	0.5
23:00	76	0	0.0	73	96.1	2	2.6	0	0.0	1	1.3
12H,7-19	9045	90	1.0	8359	92.4	477	5.3	107	1.2	12	0.1
16H,6-22	10780	105	1.0	9997	92.7	543	5.0	122	1.1	13	0.1
18H,6-24	11051	106	1.0	10255	92.8	550	5.0	125	1.1	15	0.1
24H,0-24	11197	108	1.0	10376	92.7	564	5.0	131	1.2	18	0.2

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Westbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Fri 08-Jul-16</b>											
00:00	28	0	0.0	24	85.7	3	10.7	1	3.6	0	0.0
01:00	23	0	0.0	19	82.6	3	13.0	1	4.4	0	0.0
02:00	7	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0
03:00	10	0	0.0	7	70.0	0	0.0	3	30.0	0	0.0
04:00	21	0	0.0	16	76.2	4	19.1	0	0.0	1	4.8
05:00	56	2	3.6	48	85.7	3	5.4	1	1.8	2	3.6
06:00	224	1	0.5	197	88.0	24	10.7	2	0.9	0	0.0
07:00	631	8	1.3	565	89.5	49	7.8	9	1.4	0	0.0
<b>08:00</b>	<b>841</b>	<b>6</b>	<b>0.7</b>	<b>773</b>	<b>91.9</b>	<b>51</b>	<b>6.1</b>	<b>10</b>	<b>1.2</b>	<b>1</b>	<b>0.1</b>
09:00	644	3	0.5	579	89.9	52	8.1	9	1.4	1	0.2
10:00	690	9	1.3	631	91.5	43	6.2	6	0.9	1	0.1
11:00	785	3	0.4	722	92.0	49	6.2	9	1.2	2	0.3
12:00	827	4	0.5	763	92.3	50	6.1	10	1.2	0	0.0
13:00	927	12	1.3	849	91.6	46	5.0	17	1.8	3	0.3
<b>14:00</b>	<b>930</b>	<b>8</b>	<b>0.9</b>	<b>859</b>	<b>92.4</b>	<b>47</b>	<b>5.1</b>	<b>15</b>	<b>1.6</b>	<b>1</b>	<b>0.1</b>
15:00	820	13	1.6	757	92.3	39	4.8	11	1.3	0	0.0
16:00	853	9	1.1	806	94.5	23	2.7	15	1.8	0	0.0
17:00	926	11	1.2	868	93.7	32	3.5	15	1.6	0	0.0
18:00	896	7	0.8	847	94.5	31	3.5	11	1.2	0	0.0
19:00	635	8	1.3	604	95.1	18	2.8	5	0.8	0	0.0
20:00	440	4	0.9	417	94.8	16	3.6	3	0.7	0	0.0
21:00	306	5	1.6	287	93.8	13	4.3	1	0.3	0	0.0
22:00	199	0	0.0	184	92.5	11	5.5	4	2.0	0	0.0
23:00	105	0	0.0	105	100.0	0	0.0	0	0.0	0	0.0
<b>12H,7-19</b>	<b>9770</b>	<b>93</b>	<b>1.0</b>	<b>9019</b>	<b>92.3</b>	<b>512</b>	<b>5.2</b>	<b>137</b>	<b>1.4</b>	<b>9</b>	<b>0.1</b>
<b>16H,6-22</b>	<b>11375</b>	<b>111</b>	<b>1.0</b>	<b>10524</b>	<b>92.5</b>	<b>583</b>	<b>5.1</b>	<b>148</b>	<b>1.3</b>	<b>9</b>	<b>0.1</b>
<b>18H,6-24</b>	<b>11679</b>	<b>111</b>	<b>1.0</b>	<b>10813</b>	<b>92.6</b>	<b>594</b>	<b>5.1</b>	<b>152</b>	<b>1.3</b>	<b>9</b>	<b>0.1</b>
<b>24H,0-24</b>	<b>11824</b>	<b>113</b>	<b>1.0</b>	<b>10934</b>	<b>92.5</b>	<b>607</b>	<b>5.1</b>	<b>158</b>	<b>1.3</b>	<b>12</b>	<b>0.1</b>

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Westbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Sat 09-Jul-16</b>											
00:00	58	0	0.0	54	93.1	4	6.9	0	0.0	0	0.0
01:00	39	0	0.0	35	89.7	4	10.3	0	0.0	0	0.0
02:00	18	0	0.0	16	88.9	0	0.0	2	11.1	0	0.0
03:00	14	0	0.0	12	85.7	0	0.0	1	7.1	1	7.1
04:00	32	0	0.0	26	81.3	6	18.8	0	0.0	0	0.0
05:00	44	1	2.3	40	90.9	1	2.3	1	2.3	1	2.3
06:00	68	0	0.0	63	92.7	3	4.4	1	1.5	1	1.5
07:00	194	2	1.0	179	92.3	10	5.2	2	1.0	1	0.5
08:00	395	8	2.0	357	90.4	26	6.6	4	1.0	0	0.0
09:00	613	4	0.7	573	93.5	29	4.7	7	1.1	0	0.0
10:00	807	10	1.2	763	94.6	28	3.5	6	0.7	0	0.0
11:00	890	4	0.5	833	93.6	43	4.8	10	1.1	0	0.0
12:00	943	8	0.9	882	93.5	28	3.0	22	2.3	3	0.3
13:00	873	10	1.2	833	95.4	23	2.6	7	0.8	0	0.0
14:00	844	5	0.6	796	94.3	25	3.0	17	2.0	1	0.1
15:00	801	6	0.8	752	93.9	34	4.2	9	1.1	0	0.0
16:00	797	8	1.0	747	93.7	29	3.6	13	1.6	0	0.0
17:00	783	5	0.6	746	95.3	23	2.9	9	1.2	0	0.0
18:00	648	8	1.2	618	95.4	19	2.9	3	0.5	0	0.0
19:00	513	8	1.6	482	94.0	20	3.9	3	0.6	0	0.0
20:00	343	4	1.2	322	93.9	15	4.4	2	0.6	0	0.0
21:00	217	3	1.4	205	94.5	9	4.2	0	0.0	0	0.0
22:00	178	0	0.0	175	98.3	2	1.1	1	0.6	0	0.0
23:00	141	0	0.0	139	98.6	2	1.4	0	0.0	0	0.0
12H,7-19	8588	78	0.9	8079	94.1	317	3.7	109	1.3	5	0.1
16H,6-22	9729	93	1.0	9151	94.1	364	3.7	115	1.2	6	0.1
18H,6-24	10048	93	0.9	9465	94.2	368	3.7	116	1.2	6	0.1
24H,0-24	10253	94	0.9	9648	94.1	383	3.7	120	1.2	8	0.1



20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Westbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Sun 10-Jul-16</b>											
00:00	56	0	0.0	53	94.6	2	3.6	1	1.8	0	0.0
01:00	30	0	0.0	28	93.3	2	6.7	0	0.0	0	0.0
02:00	21	0	0.0	17	81.0	4	19.1	0	0.0	0	0.0
03:00	22	0	0.0	20	90.9	1	4.6	1	4.6	0	0.0
04:00	13	0	0.0	10	76.9	2	15.4	1	7.7	0	0.0
05:00	28	2	7.1	19	67.9	4	14.3	1	3.6	2	7.1
06:00	46	0	0.0	43	93.5	2	4.4	1	2.2	0	0.0
07:00	91	1	1.1	82	90.1	5	5.5	2	2.2	1	1.1
08:00	163	5	3.1	139	85.3	16	9.8	3	1.8	0	0.0
09:00	368	5	1.4	351	95.4	10	2.7	2	0.5	0	0.0
10:00	673	8	1.2	647	96.1	17	2.5	1	0.2	0	0.0
11:00	851	4	0.5	817	96.0	22	2.6	8	0.9	0	0.0
12:00	921	6	0.7	873	94.8	25	2.7	17	1.9	0	0.0
13:00	828	6	0.7	781	94.3	23	2.8	16	1.9	2	0.2
14:00	780	4	0.5	748	95.9	25	3.2	3	0.4	0	0.0
15:00	720	2	0.3	695	96.5	17	2.4	6	0.8	0	0.0
16:00	553	4	0.7	529	95.7	13	2.4	7	1.3	0	0.0
17:00	417	4	1.0	397	95.2	11	2.6	5	1.2	0	0.0
18:00	369	4	1.1	353	95.7	9	2.4	3	0.8	0	0.0
19:00	353	2	0.6	336	95.2	11	3.1	3	0.9	1	0.3
20:00	295	3	1.0	281	95.3	10	3.4	1	0.3	0	0.0
21:00	195	1	0.5	188	96.4	3	1.5	3	1.5	0	0.0
22:00	136	1	0.7	129	94.9	6	4.4	0	0.0	0	0.0
23:00	52	0	0.0	50	96.2	2	3.9	0	0.0	0	0.0
12H,7-19	6734	53	0.8	6412	95.2	193	2.9	73	1.1	3	0.0
16H,6-22	7623	59	0.8	7260	95.2	219	2.9	81	1.1	4	0.1
18H,6-24	7811	60	0.8	7439	95.2	227	2.9	81	1.0	4	0.1
24H,0-24	7981	62	0.8	7586	95.1	242	3.0	85	1.1	6	0.1

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Westbound

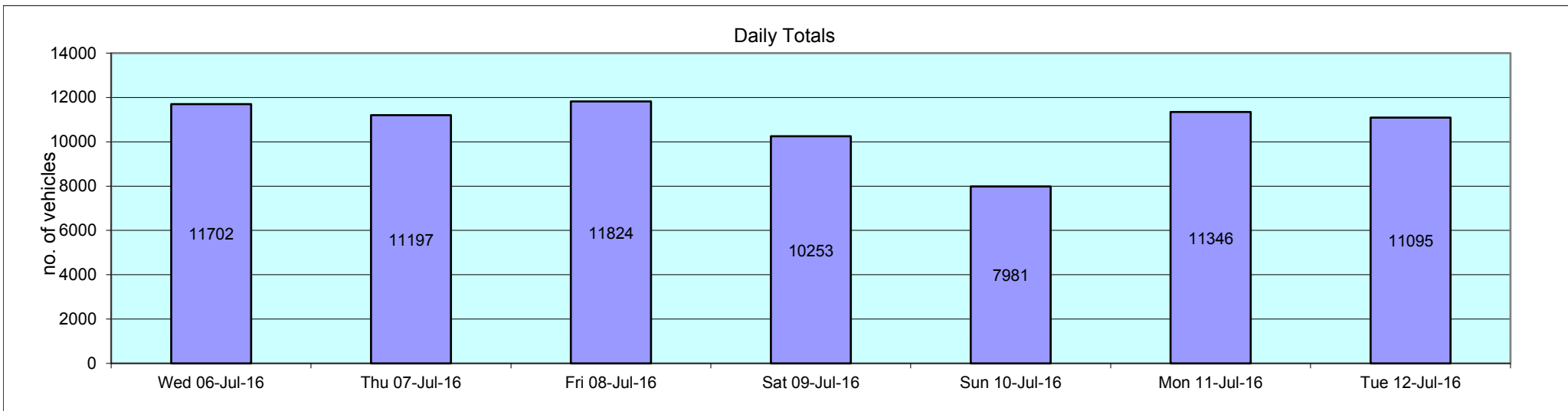
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Mon 11-Jul-16</b>											
00:00	29	0	0.0	28	96.6	1	3.5	0	0.0	0	0.0
01:00	14	0	0.0	13	92.9	1	7.1	0	0.0	0	0.0
02:00	11	0	0.0	10	90.9	0	0.0	1	9.1	0	0.0
03:00	16	0	0.0	11	68.8	2	12.5	2	12.5	1	6.3
04:00	20	1	5.0	14	70.0	4	20.0	1	5.0	0	0.0
05:00	73	3	4.1	57	78.1	10	13.7	1	1.4	2	2.7
06:00	240	4	1.7	215	89.6	18	7.5	2	0.8	1	0.4
07:00	604	7	1.2	547	90.6	38	6.3	11	1.8	1	0.2
08:00	844	5	0.6	781	92.5	41	4.9	16	1.9	1	0.1
09:00	742	3	0.4	661	89.1	70	9.4	8	1.1	0	0.0
10:00	693	11	1.6	633	91.3	40	5.8	6	0.9	3	0.4
11:00	717	3	0.4	667	93.0	36	5.0	10	1.4	1	0.1
12:00	755	2	0.3	716	94.8	28	3.7	9	1.2	0	0.0
13:00	809	8	1.0	747	92.3	38	4.7	10	1.2	6	0.7
14:00	814	7	0.9	741	91.0	56	6.9	9	1.1	1	0.1
15:00	767	8	1.0	717	93.5	34	4.4	8	1.0	0	0.0
16:00	834	14	1.7	786	94.2	21	2.5	13	1.6	0	0.0
17:00	740	11	1.5	704	95.1	18	2.4	7	1.0	0	0.0
18:00	868	12	1.4	829	95.5	22	2.5	4	0.5	1	0.1
19:00	710	5	0.7	672	94.7	26	3.7	7	1.0	0	0.0
20:00	467	4	0.9	450	96.4	11	2.4	2	0.4	0	0.0
21:00	308	3	1.0	294	95.5	10	3.3	1	0.3	0	0.0
22:00	193	1	0.5	185	95.9	3	1.6	3	1.6	1	0.5
23:00	78	0	0.0	75	96.2	2	2.6	0	0.0	1	1.3
12H,7-19	9187	91	1.0	8529	92.8	442	4.8	111	1.2	14	0.2
16H,6-22	10912	107	1.0	10160	93.1	507	4.7	123	1.1	15	0.1
18H,6-24	11183	108	1.0	10420	93.2	512	4.6	126	1.1	17	0.2
24H,0-24	11346	112	1.0	10553	93.0	530	4.7	131	1.2	20	0.2

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Westbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Tue 12-Jul-16</b>											
00:00	28	0	0.0	27	96.4	0	0.0	1	3.6	0	0.0
01:00	11	1	9.1	8	72.7	2	18.2	0	0.0	0	0.0
02:00	14	0	0.0	9	64.3	3	21.4	2	14.3	0	0.0
03:00	12	0	0.0	10	83.3	1	8.3	1	8.3	0	0.0
04:00	17	1	5.9	10	58.8	2	11.8	3	17.7	1	5.9
05:00	69	2	2.9	58	84.1	7	10.1	1	1.5	1	1.5
06:00	259	3	1.2	233	90.0	20	7.7	2	0.8	1	0.4
07:00	625	14	2.2	540	86.4	59	9.4	12	1.9	0	0.0
08:00	906	15	1.7	831	91.7	34	3.8	25	2.8	1	0.1
09:00	763	9	1.2	663	86.9	61	8.0	23	3.0	7	0.9
10:00	705	3	0.4	647	91.8	39	5.5	13	1.8	3	0.4
11:00	672	7	1.0	618	92.0	38	5.7	8	1.2	1	0.2
12:00	684	12	1.8	610	89.2	48	7.0	10	1.5	4	0.6
13:00	721	1	0.1	667	92.5	44	6.1	8	1.1	1	0.1
14:00	872	5	0.6	801	91.9	53	6.1	12	1.4	1	0.1
15:00	731	4	0.6	681	93.2	35	4.8	10	1.4	1	0.1
16:00	819	14	1.7	779	95.1	16	2.0	10	1.2	0	0.0
17:00	819	18	2.2	770	94.0	21	2.6	9	1.1	1	0.1
18:00	753	7	0.9	711	94.4	29	3.9	6	0.8	0	0.0
19:00	654	4	0.6	616	94.2	30	4.6	4	0.6	0	0.0
20:00	419	2	0.5	400	95.5	15	3.6	2	0.5	0	0.0
21:00	292	4	1.4	283	96.9	5	1.7	0	0.0	0	0.0
22:00	176	3	1.7	169	96.0	3	1.7	1	0.6	0	0.0
23:00	74	0	0.0	72	97.3	1	1.4	1	1.4	0	0.0
12H,7-19	9070	109	1.2	8318	91.7	477	5.3	146	1.6	20	0.2
16H,6-22	10694	122	1.1	9850	92.1	547	5.1	154	1.4	21	0.2
18H,6-24	10944	125	1.1	10091	92.2	551	5.0	156	1.4	21	0.2
24H,0-24	11095	129	1.2	10213	92.1	566	5.1	164	1.5	23	0.2

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Westbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Daily Totals</b>											
Wed 06-Jul-16	11702	130	1.1	10779	92.1	584	5.0	191	1.6	18	0.2
Thu 07-Jul-16	11197	108	1.0	10376	92.7	564	5.0	131	1.2	18	0.2
Fri 08-Jul-16	11824	113	1.0	10934	92.5	607	5.1	158	1.3	12	0.1
Sat 09-Jul-16	10253	94	0.9	9648	94.1	383	3.7	120	1.2	8	0.1
Sun 10-Jul-16	7981	62	0.8	7586	95.1	242	3.0	85	1.1	6	0.1
Mon 11-Jul-16	11346	112	1.0	10553	93.0	530	4.7	131	1.2	20	0.2
Tue 12-Jul-16	11095	129	1.2	10213	92.1	566	5.1	164	1.5	23	0.2
<b>Total Vehicles</b>											
[--]	75398	748	1.0	70089	93.1	3476	4.5	980	1.3	105	0.1



20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Westbound

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
<b>Wed 06-Jul-16</b>																
00:00	31	34.4	29.6	5	0	0	0	2	3	14	10	2	0	0	0	0
01:00	10	33.5	29	6.1	0	0	1	0	0	5	4	0	0	0	0	0
02:00	11	34.1	29	5.4	0	0	0	0	4	3	3	1	0	0	0	0
03:00	15	33.3	30.2	2.9	0	0	0	0	0	10	5	0	0	0	0	0
04:00	18	33.3	28.8	4.6	0	0	0	0	5	8	4	1	0	0	0	0
05:00	60	33.9	28.8	5.1	0	0	1	3	9	27	18	2	0	0	0	0
06:00	252	32.9	28.3	4.4	0	0	0	13	49	130	56	3	1	0	0	0
07:00	635	29.6	24.9	4.7	0	3	25	53	307	212	33	1	0	1	0	0
08:00	931	27.8	23	4.8	8	5	42	198	470	191	17	0	0	0	0	0
09:00	744	29.7	25.5	4.5	0	0	12	59	338	298	30	4	1	0	0	2
10:00	740	29.5	25.1	4.2	0	3	14	62	358	274	28	1	0	0	0	0
11:00	710	29.9	25.9	4	0	0	4	43	317	307	33	5	1	0	0	0
12:00	770	29.2	24.7	4.2	1	6	7	79	394	263	19	1	0	0	0	0
13:00	851	29.4	24.8	4.3	0	2	19	93	412	290	32	3	0	0	0	0
14:00	815	29.3	24.9	4.3	0	6	8	82	420	264	31	4	0	0	0	0
15:00	819	29.2	24.6	4.3	2	1	9	108	409	260	29	1	0	0	0	0
16:00	783	28.6	23.7	4.7	3	7	26	128	399	198	21	1	0	0	0	0
17:00	897	27.4	22.2	5.4	10	14	72	217	405	157	21	1	0	0	0	0
18:00	868	29.2	24.1	4.8	2	3	40	135	368	296	24	0	0	0	0	0
19:00	673	30.2	26.2	4.2	0	0	6	44	264	304	51	2	2	0	0	0
20:00	449	30.8	27.5	4.1	0	1	0	16	124	248	53	7	0	0	0	0
21:00	334	31	27.2	4.4	0	0	0	16	115	152	46	4	1	0	0	0
22:00	189	32.3	27.4	4.7	0	1	0	6	69	75	34	4	0	0	0	0
23:00	97	33.4	28.3	4.7	0	0	1	1	27	43	21	4	0	0	0	0
12H,7-19	9563	29.2	24.4	4.7	26	50	278	1257	4597	3010	318	22	2	1	0	2
16H,6-22	11271	29.5	24.8	4.7	26	51	284	1346	5149	3844	524	38	6	1	0	2
18H,6-24	11557	29.6	24.9	4.7	26	52	285	1353	5245	3962	579	46	6	1	0	2
24H,0-24	11702	29.7	24.9	4.8	26	52	287	1358	5266	4029	623	52	6	1	0	2

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Westbound

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
<b>Thu 07-Jul-16</b>																
00:00	28	33.2	29	7	0	0	0	0	10	12	3	1	1	0	1	0
01:00	23	32.8	29.2	4.3	0	0	0	0	4	14	3	2	0	0	0	0
02:00	8	-	27.9	3.5	0	0	0	0	2	5	1	0	0	0	0	0
03:00	13	33.6	28.9	5.4	0	0	0	1	2	6	3	1	0	0	0	0
04:00	19	35	30.6	4.7	0	0	0	0	3	7	7	2	0	0	0	0
05:00	55	34.1	29.1	4.7	0	0	0	2	10	25	15	3	0	0	0	0
06:00	258	33.3	28.5	4.6	0	1	1	8	50	131	61	5	1	0	0	0
07:00	642	29.9	25.3	4.7	3	2	8	72	268	249	33	7	0	0	0	0
08:00	855	29.4	24.7	4.3	1	2	8	126	398	285	35	0	0	0	0	0
09:00	717	29.6	25.5	3.8	0	0	1	62	330	297	25	2	0	0	0	0
10:00	694	29.8	25.6	4.4	0	9	7	47	287	312	32	0	0	0	0	0
11:00	694	29.9	25.8	4	0	1	1	41	346	254	48	3	0	0	0	0
12:00	734	29.9	26	3.9	0	1	4	36	327	325	38	3	0	0	0	0
13:00	793	29.1	25	3.7	0	1	4	56	456	252	22	2	0	0	0	0
14:00	781	29.7	25.4	4.2	0	2	12	60	359	310	36	2	0	0	0	0
15:00	752	29.7	25.6	3.9	0	1	1	51	364	299	33	3	0	0	0	0
16:00	811	27.8	22.8	5.1	7	17	41	157	406	170	10	3	0	0	0	0
17:00	728	27.3	22.9	4.7	9	8	21	141	405	137	7	0	0	0	0	0
18:00	844	29.1	24.3	4.5	2	3	20	120	414	256	29	0	0	0	0	0
19:00	699	29.9	25.7	4.1	0	1	5	56	304	290	41	2	0	0	0	0
20:00	460	30.3	26.6	3.9	0	1	2	17	168	236	35	1	0	0	0	0
21:00	318	30.9	27.4	4.2	0	0	0	10	102	161	38	7	0	0	0	0
22:00	195	31.4	27	4.6	0	0	0	16	62	85	29	3	0	0	0	0
23:00	76	32.6	28.2	4.2	0	0	0	2	19	38	16	1	0	0	0	0
12H,7-19	9045	29.4	24.9	4.4	22	47	128	969	4360	3146	348	25	0	0	0	0
16H,6-22	10780	29.7	25.2	4.4	22	50	136	1060	4984	3964	523	40	1	0	0	0
18H,6-24	11051	29.7	25.2	4.5	22	50	136	1078	5065	4087	568	44	1	0	0	0
24H,0-24	11197	29.8	25.3	4.5	22	50	136	1081	5096	4156	600	53	2	0	1	0

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Westbound

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
<b>Fri 08-Jul-16</b>																
00:00	28	32.1	28.1	4.1	0	0	0	1	6	15	6	0	0	0	0	0
01:00	23	33.8	29.4	4.7	0	0	0	2	1	11	9	0	0	0	0	0
02:00	7	-	29.9	4.9	0	0	0	0	1	4	1	1	0	0	0	0
03:00	10	33.5	30	3.7	0	0	0	0	1	5	4	0	0	0	0	0
04:00	21	30.7	27.8	3.6	0	0	0	0	6	12	3	0	0	0	0	0
05:00	56	33.4	28.6	4.4	0	0	0	2	12	26	15	1	0	0	0	0
06:00	224	33.8	28.7	4.7	0	0	1	5	55	95	60	8	0	0	0	0
07:00	631	30.1	25.8	4.5	0	1	5	69	243	263	43	7	0	0	0	0
08:00	841	29.1	24.7	4.1	0	2	4	113	434	259	23	6	0	0	0	0
09:00	644	30	25.8	4.1	0	2	2	48	284	263	44	1	0	0	0	0
10:00	690	29.9	25.6	4.4	1	0	9	56	312	264	41	6	1	0	0	0
11:00	785	29.6	25.2	4.2	0	2	10	68	388	279	36	2	0	0	0	0
12:00	827	29.4	25	4.1	0	2	8	80	418	286	30	2	1	0	0	0
13:00	927	28.9	24.3	4.3	0	6	18	133	462	291	15	2	0	0	0	0
14:00	930	29.1	23.5	5.5	3	15	73	148	378	278	35	0	0	0	0	0
15:00	820	29.1	24.2	4.7	5	2	9	150	372	253	25	4	0	0	0	0
16:00	853	29.1	23.5	5.4	2	15	54	155	349	244	30	3	1	0	0	0
17:00	926	28.9	24	4.8	1	17	20	134	453	277	21	3	0	0	0	0
18:00	896	29.7	25.2	4.4	0	5	16	76	423	326	47	3	0	0	0	0
19:00	635	30.4	26.9	4.1	1	1	2	21	217	335	50	6	2	0	0	0
20:00	440	30.8	27	4.5	0	0	1	29	139	211	50	9	1	0	0	0
21:00	306	30.9	26.8	4.8	0	0	2	20	114	126	35	8	1	0	0	0
22:00	199	31.4	27.3	4.4	0	0	0	8	68	90	30	2	1	0	0	0
23:00	105	33	28.6	4.2	0	0	0	0	27	53	22	2	1	0	0	0
12H,7-19	9770	29.4	24.7	4.7	12	69	228	1230	4516	3283	390	39	3	0	0	0
16H,6-22	11375	29.7	25	4.7	13	70	234	1305	5041	4050	585	70	7	0	0	0
18H,6-24	11679	29.8	25.1	4.7	13	70	234	1313	5136	4193	637	74	9	0	0	0
24H,0-24	11824	29.8	25.1	4.7	13	70	234	1318	5163	4266	675	76	9	0	0	0

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Westbound

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
<b>Sat 09-Jul-16</b>																
00:00	58	31.5	27.8	4.8	0	1	0	1	14	32	8	2	0	0	0	0
01:00	39	33.4	29.4	3.7	0	0	0	1	3	23	12	0	0	0	0	0
02:00	18	30.7	28.2	3.9	0	0	0	1	2	12	3	0	0	0	0	0
03:00	14	35	30.3	4.9	0	0	0	0	2	7	3	2	0	0	0	0
04:00	32	32.2	27.6	4.3	0	0	0	1	11	13	7	0	0	0	0	0
05:00	44	32.8	28.7	4.5	0	0	0	0	11	23	8	1	1	0	0	0
06:00	68	33.9	29.5	4.6	0	0	0	0	12	36	16	2	2	0	0	0
07:00	194	32.2	28.2	4.3	0	1	1	3	41	111	32	5	0	0	0	0
08:00	395	30.5	26.9	4	0	0	3	9	141	201	40	0	1	0	0	0
09:00	613	30.4	26.6	4.3	1	2	2	26	230	296	47	7	2	0	0	0
10:00	807	29.7	25.4	4	0	2	4	63	395	303	36	4	0	0	0	0
11:00	890	29.3	24.8	4.4	0	2	29	83	439	304	29	4	0	0	0	0
12:00	943	28.8	23.5	5.4	1	18	56	151	433	255	24	2	1	0	2	0
13:00	873	29.6	25.2	4.2	0	3	16	62	424	332	35	1	0	0	0	0
14:00	844	29.6	25.2	4.3	0	3	12	90	375	327	35	2	0	0	0	0
15:00	801	29.6	25.1	4.6	0	4	7	84	400	260	42	1	0	0	3	0
16:00	797	29.5	25.2	4	1	1	3	66	408	282	35	1	0	0	0	0
17:00	783	29.9	25.8	4.3	0	1	4	67	320	347	40	1	1	2	0	0
18:00	648	30.4	26.4	4.2	0	3	1	28	273	280	59	3	1	0	0	0
19:00	513	30.7	26.6	4.4	0	1	3	25	201	217	61	4	1	0	0	0
20:00	343	30.7	26.5	4.9	1	0	3	23	129	144	36	5	1	1	0	0
21:00	217	31.7	28.1	4.3	0	0	0	3	60	117	29	6	2	0	0	0
22:00	178	31	27.5	4.3	0	0	0	4	62	85	21	6	0	0	0	0
23:00	141	31.6	28.1	4.1	0	0	0	4	30	83	20	4	0	0	0	0
12H,7-19	8588	29.8	25.4	4.5	3	40	138	732	3879	3298	454	31	6	2	5	0
16H,6-22	9729	30	25.6	4.5	4	41	144	783	4281	3812	596	48	12	3	5	0
18H,6-24	10048	30	25.6	4.5	4	41	144	791	4373	3980	637	58	12	3	5	0
24H,0-24	10253	30.1	25.7	4.6	4	42	144	795	4416	4090	678	63	13	3	5	0



20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Westbound

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
<b>Sun 10-Jul-16</b>																
00:00	56	32.9	28.9	4.2	0	0	0	2	7	34	11	2	0	0	0	0
01:00	30	33	28.5	5.4	0	0	0	2	6	15	5	1	1	0	0	0
02:00	21	35.1	30.9	4.6	0	0	0	0	3	7	9	2	0	0	0	0
03:00	22	32.5	28	4.6	0	0	0	0	8	9	4	1	0	0	0	0
04:00	13	33.6	28.5	5.6	0	0	0	1	3	5	3	1	0	0	0	0
05:00	28	32.3	27.8	4.7	0	0	0	1	9	12	5	1	0	0	0	0
06:00	46	33.9	29.5	4.3	0	0	0	1	6	24	13	2	0	0	0	0
07:00	91	33.6	28.4	4.9	0	0	1	3	22	40	21	4	0	0	0	0
08:00	163	33	27.6	5.6	0	0	5	10	40	70	32	4	1	1	0	0
09:00	368	30.7	27.2	3.8	0	1	1	6	117	201	42	0	0	0	0	0
10:00	673	29.6	25.4	4	0	2	10	40	323	270	28	0	0	0	0	0
11:00	851	29.4	25	4.6	0	4	25	68	423	296	32	1	0	0	0	2
12:00	921	28.8	23.6	5.2	1	17	69	107	438	270	15	3	0	1	0	0
13:00	828	29.2	24.7	4.5	1	9	9	95	408	280	24	0	1	1	0	0
14:00	780	29.4	25	4.3	0	8	10	62	395	273	31	1	0	0	0	0
15:00	720	29.8	25.6	4	0	0	4	56	342	278	37	3	0	0	0	0
16:00	553	30.3	26.5	4	0	1	2	24	211	270	43	2	0	0	0	0
17:00	417	30.5	27.1	3.7	0	1	0	8	136	231	40	1	0	0	0	0
18:00	369	30.7	27	4.3	0	1	0	16	127	180	40	4	0	1	0	0
19:00	353	30.8	27.2	4.6	0	2	2	13	112	176	40	7	1	0	0	0
20:00	295	30.7	27.1	4.7	0	0	2	18	89	150	30	3	2	1	0	0
21:00	195	32.8	27.8	5.2	0	0	1	9	63	82	29	7	4	0	0	0
22:00	136	32.1	27.7	4.8	0	0	0	5	45	61	19	4	2	0	0	0
23:00	52	32.4	28.7	4	0	0	0	2	6	33	10	1	0	0	0	0
12H,7-19	6734	29.9	25.5	4.6	2	44	136	495	2982	2659	385	23	2	4	0	2
16H,6-22	7623	30	25.7	4.6	2	46	141	536	3252	3091	497	42	9	5	0	2
18H,6-24	7811	30.1	25.7	4.6	2	46	141	543	3303	3185	526	47	11	5	0	2
24H,0-24	7981	30.1	25.8	4.7	2	46	141	549	3339	3267	563	55	12	5	0	2

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Westbound

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
<b>Mon 11-Jul-16</b>																
00:00	29	33.9	29.2	4.4	0	0	0	0	7	12	9	1	0	0	0	0
01:00	14	32	28.5	4.6	0	0	0	0	4	7	2	1	0	0	0	0
02:00	11	35.3	29.4	9.2	0	0	1	2	0	2	4	1	1	0	0	0
03:00	16	34.4	29.4	5.4	0	0	0	1	3	5	6	1	0	0	0	0
04:00	20	28.5	28.8	5.2	0	0	0	0	5	12	1	1	1	0	0	0
05:00	73	32.7	28.1	4.8	0	0	1	5	11	39	16	1	0	0	0	0
06:00	240	33.4	28.6	4.5	0	1	1	4	50	120	58	6	0	0	0	0
07:00	604	29.8	25.3	4.6	3	2	8	60	253	249	24	5	0	0	0	0
08:00	844	29.3	24.7	4.3	1	2	9	118	400	280	34	0	0	0	0	0
09:00	742	29.6	25.5	3.8	0	0	1	64	345	304	26	2	0	0	0	0
10:00	693	29.9	25.7	4.4	0	9	6	43	292	304	39	0	0	0	0	0
11:00	717	29.9	25.7	3.9	0	1	1	40	365	260	47	3	0	0	0	0
12:00	755	30	26	3.9	0	1	5	34	333	336	42	4	0	0	0	0
13:00	809	29.1	25	3.7	0	1	2	59	472	248	26	1	0	0	0	0
14:00	814	29.7	25.4	4.2	0	1	14	65	373	324	34	3	0	0	0	0
15:00	767	29.8	25.8	3.9	0	1	1	45	371	305	40	4	0	0	0	0
16:00	834	27.9	22.9	5	3	16	50	150	422	179	12	2	0	0	0	0
17:00	740	27	22.9	4.6	10	4	22	148	419	128	9	0	0	0	0	0
18:00	868	29.3	24.4	4.7	3	4	23	126	402	275	35	0	0	0	0	0
19:00	710	30	25.7	4.2	0	1	6	62	299	296	44	2	0	0	0	0
20:00	467	30.4	26.6	4.1	0	1	3	19	167	233	43	1	0	0	0	0
21:00	308	30.8	27.2	4.1	0	0	0	11	105	151	36	5	0	0	0	0
22:00	193	31.9	27.3	4.7	0	0	0	15	55	88	31	4	0	0	0	0
23:00	78	31.9	27.7	4.1	0	0	0	3	21	39	15	0	0	0	0	0
12H,7-19	9187	29.5	24.9	4.4	20	42	142	952	4447	3192	368	24	0	0	0	0
16H,6-22	10912	29.7	25.2	4.4	20	45	152	1048	5068	3992	549	38	0	0	0	0
18H,6-24	11183	29.7	25.2	4.4	20	45	152	1066	5144	4119	595	42	0	0	0	0
24H,0-24	11346	29.8	25.3	4.5	20	45	154	1074	5174	4196	633	48	2	0	0	0

20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Wed 06-Jul-16 to Tue 12-Jul-16 Channel: Westbound

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
<b>Tue 12-Jul-16</b>																
00:00	28	34.2	29.9	4.3	0	0	0	1	2	14	10	1	0	0	0	0
01:00	11	34.2	29.9	6.1	0	0	1	0	0	4	6	0	0	0	0	0
02:00	14	35	28.9	5.9	0	0	0	0	6	3	3	2	0	0	0	0
03:00	12	33.7	30.6	3	0	0	0	0	0	7	5	0	0	0	0	0
04:00	17	30.5	27.6	3.5	0	0	0	0	5	10	2	0	0	0	0	0
05:00	69	33.9	29	4.9	0	0	1	5	5	34	23	1	0	0	0	0
06:00	259	32.9	28.3	4.4	0	0	0	13	49	136	58	2	1	0	0	0
07:00	625	29.6	24.9	4.8	0	4	28	48	295	214	34	1	0	1	0	0
08:00	906	27.7	22.9	4.8	11	6	36	188	464	186	15	0	0	0	0	0
09:00	763	29.7	25.5	4.5	0	0	9	68	342	309	28	4	1	0	0	2
10:00	705	29.5	25	4.3	0	4	14	60	340	258	28	1	0	0	0	0
11:00	672	29.8	25.4	4.4	0	6	10	50	297	270	39	0	0	0	0	0
12:00	684	30	25.2	5.2	1	13	24	50	275	271	47	3	0	0	0	0
13:00	721	30.5	26.5	4	0	0	1	28	307	310	69	6	0	0	0	0
14:00	872	29.7	25.2	4.4	0	1	20	88	396	316	48	3	0	0	0	0
15:00	731	29.6	25.2	4.3	3	1	13	54	346	287	23	4	0	0	0	0
16:00	819	28.5	23.4	5	7	7	33	155	397	196	22	2	0	0	0	0
17:00	819	28	22.6	5.9	11	17	60	169	375	161	20	4	0	0	0	2
18:00	753	30.1	25.8	4.8	2	3	9	58	308	316	52	3	0	0	0	2
19:00	654	30.4	26.6	4	0	1	1	18	268	301	62	2	1	0	0	0
20:00	419	30.7	27.3	3.9	0	0	0	8	142	220	44	4	1	0	0	0
21:00	292	30.6	27.1	4	0	0	0	11	97	153	29	1	0	1	0	0
22:00	176	33.2	27.9	4.9	0	1	0	6	54	72	37	6	0	0	0	0
23:00	74	33.9	29.2	4.2	0	0	0	0	15	36	20	3	0	0	0	0
12H,7-19	9070	29.6	24.7	4.9	35	62	257	1016	4142	3094	425	31	1	1	0	6
16H,6-22	10694	29.8	25.1	4.9	35	63	258	1066	4698	3904	618	40	4	2	0	6
18H,6-24	10944	29.9	25.2	4.9	35	64	258	1072	4767	4012	675	49	4	2	0	6
24H,0-24	11095	29.9	25.2	4.9	35	64	260	1078	4785	4084	724	53	4	2	0	6

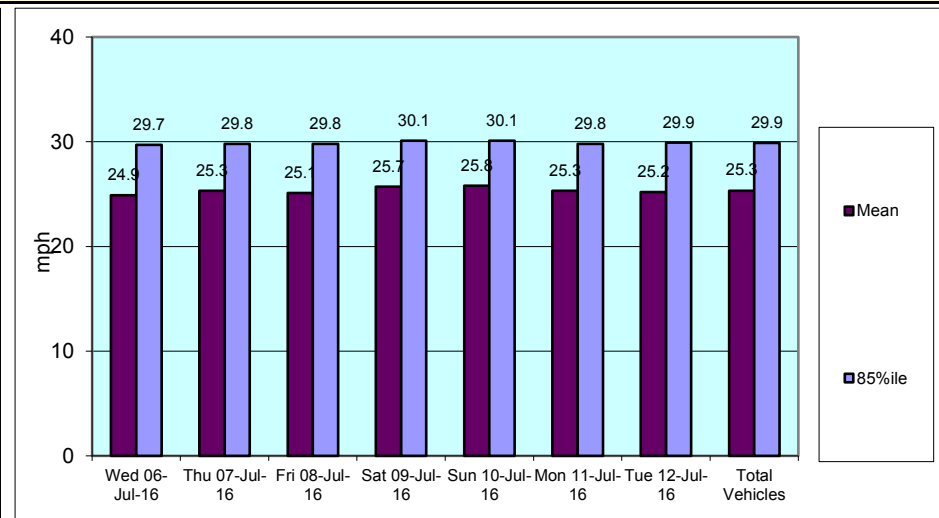
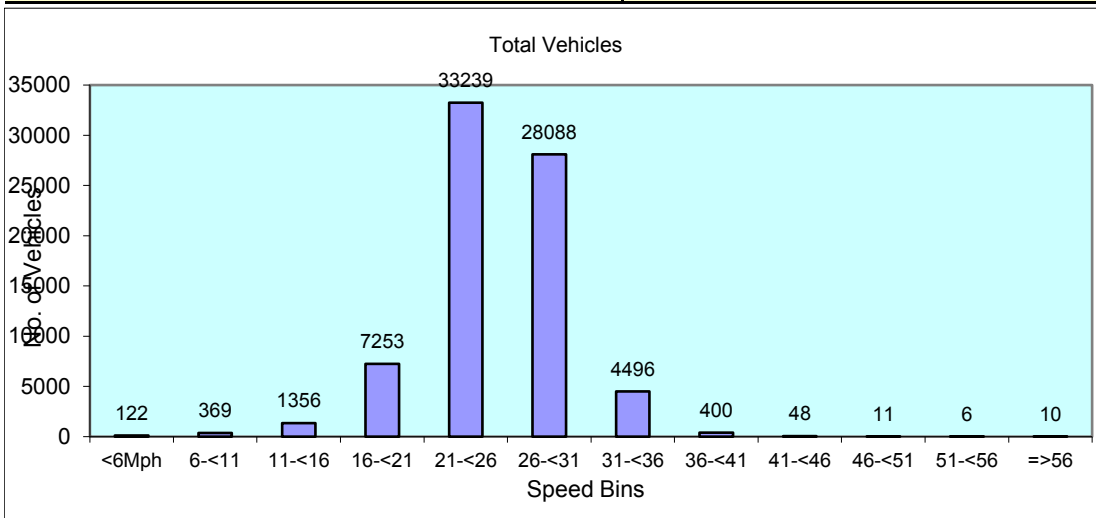
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
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**Daily Totals**

Wed 06-Jul-16	<b>11702</b>	29.7	24.9	4.8	26	52	287	1358	5266	4029	623	52	6	1	0	2
Thu 07-Jul-16	<b>11197</b>	29.8	25.3	4.5	22	50	136	1081	5096	4156	600	53	2	0	1	0
Fri 08-Jul-16	<b>11824</b>	29.8	25.1	4.7	13	70	234	1318	5163	4266	675	76	9	0	0	0
Sat 09-Jul-16	<b>10253</b>	30.1	25.7	4.6	4	42	144	795	4416	4090	678	63	13	3	5	0
Sun 10-Jul-16	<b>7981</b>	30.1	25.8	4.7	2	46	141	549	3339	3267	563	55	12	5	0	2
Mon 11-Jul-16	<b>11346</b>	29.8	25.3	4.5	20	45	154	1074	5174	4196	633	48	2	0	0	0
Tue 12-Jul-16	<b>11095</b>	29.9	25.2	4.9	35	64	260	1078	4785	4084	724	53	4	2	0	6

**Total Vehicles**

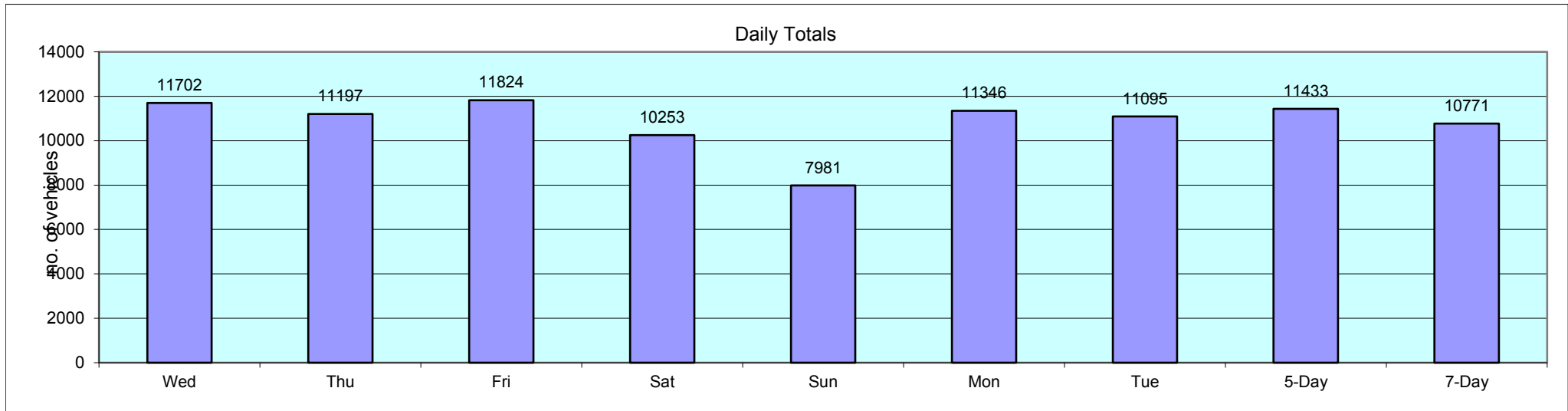
[--]	<b>75398</b>	29.9	25.3	4.7	122	369	1356	7253	33239	28088	4496	400	48	11	6	10
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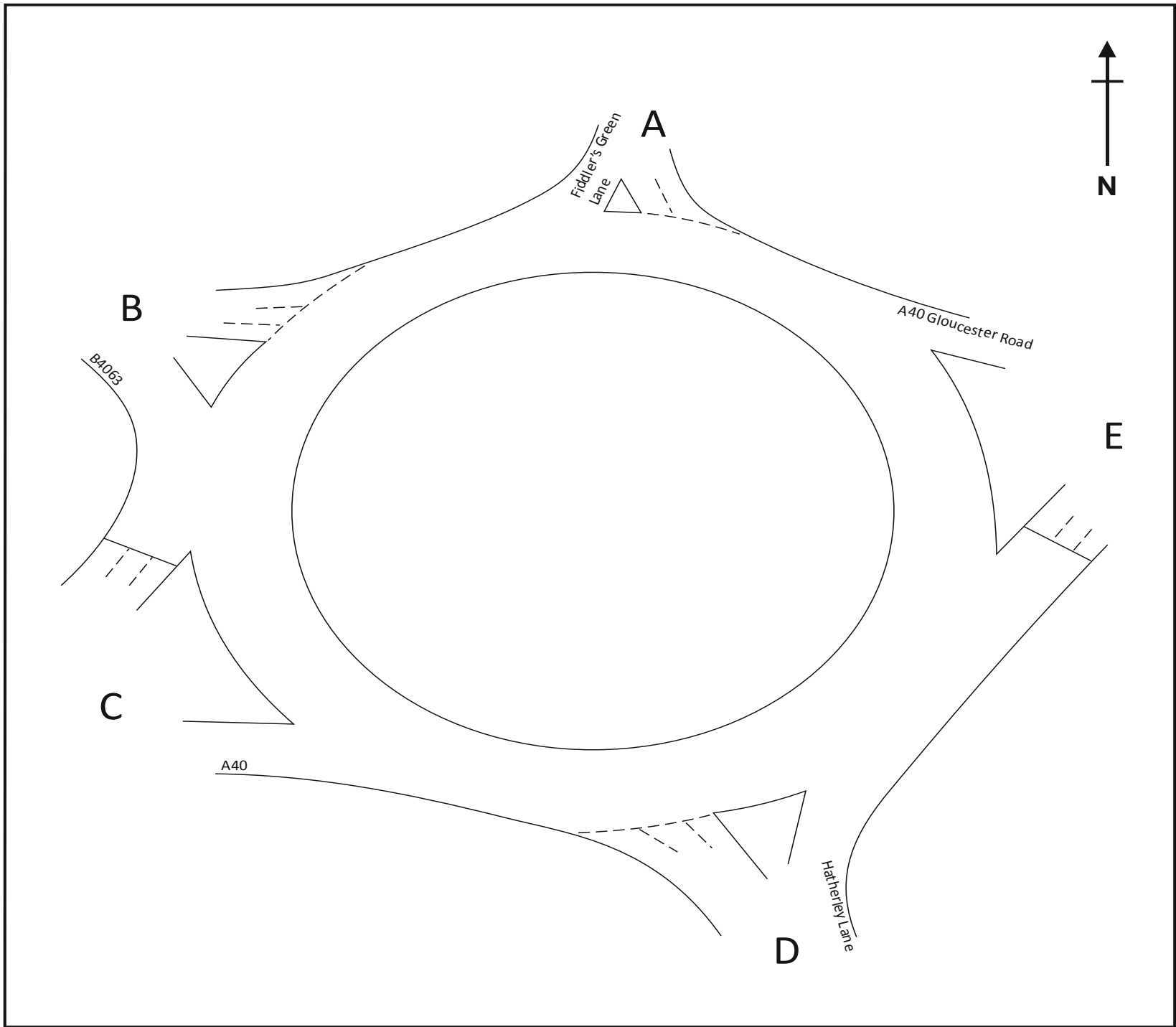
20535 CHELTENHAM Site No: 20535001 Location Hatherley Lane, Cheltenham (Direction Sign)  
 Channel: Westbound

TIME PERIOD	Wed 06/07/16	Thu 07/07/16	Fri 08/07/16	Sat 09/07/16	Sun 10/07/16	Mon 11/07/16	Tue 12/07/16	5-Day Av	7-Day Av
Week Begin: 06-Jul-16									
00:00	31	28	28	58	56	29	28	29	37
01:00	10	23	23	39	30	14	11	16	21
02:00	11	8	7	18	21	11	14	10	13
03:00	15	13	10	14	22	16	12	13	15
04:00	18	19	21	32	13	20	17	19	20
05:00	60	55	56	44	28	73	69	63	55
06:00	252	258	224	68	46	240	259	247	192
07:00	635	642	631	194	91	604	625	627	489
08:00	931	855	841	395	163	844	906	875	705
09:00	744	717	644	613	368	742	763	722	656
10:00	740	694	690	807	673	693	705	704	715
11:00	710	694	785	890	851	717	672	716	760
12:00	770	734	827	943	921	755	684	754	805
13:00	851	793	927	873	828	809	721	820	829
14:00	815	781	930	844	780	814	872	842	834
15:00	819	752	820	801	720	767	731	778	773
16:00	783	811	853	797	553	834	819	820	779
17:00	897	728	926	783	417	740	819	822	759
18:00	868	844	896	648	369	868	753	846	749
19:00	673	699	635	513	353	710	654	674	605
20:00	449	460	440	343	295	467	419	447	410
21:00	334	318	306	217	195	308	292	312	281
22:00	189	195	199	178	136	193	176	190	181
23:00	97	76	105	141	52	78	74	86	89
<b>12H,7-19</b>	<b>9563</b>	<b>9045</b>	<b>9770</b>	<b>8588</b>	<b>6734</b>	<b>9187</b>	<b>9070</b>	<b>9327</b>	<b>8851</b>
<b>16H,6-22</b>	<b>11271</b>	<b>10780</b>	<b>11375</b>	<b>9729</b>	<b>7623</b>	<b>10912</b>	<b>10694</b>	<b>11006</b>	<b>10341</b>
<b>18H,6-24</b>	<b>11557</b>	<b>11051</b>	<b>11679</b>	<b>10048</b>	<b>7811</b>	<b>11183</b>	<b>10944</b>	<b>11283</b>	<b>10610</b>
<b>24H,0-24</b>	<b>11702</b>	<b>11197</b>	<b>11824</b>	<b>10253</b>	<b>7981</b>	<b>11346</b>	<b>11095</b>	<b>11433</b>	<b>10771</b>
<b>Am</b>	<b>08:00</b>	<b>08:00</b>	<b>08:00</b>	<b>11:00</b>	<b>11:00</b>	<b>08:00</b>	<b>08:00</b>	-	-
<b>Peak</b>	<b>931</b>	<b>855</b>	<b>841</b>	<b>890</b>	<b>851</b>	<b>844</b>	<b>906</b>	<b>875</b>	<b>874</b>
<b>Pm</b>	<b>17:00</b>	<b>18:00</b>	<b>14:00</b>	<b>12:00</b>	<b>12:00</b>	<b>18:00</b>	<b>14:00</b>	-	-
<b>Peak</b>	<b>897</b>	<b>844</b>	<b>930</b>	<b>943</b>	<b>921</b>	<b>868</b>	<b>872</b>	<b>882</b>	<b>896</b>

TIME PERIOD	Wed 06/07/16	Thu 07/07/16	Fri 08/07/16	Sat 09/07/16	Sun 10/07/16	Mon 11/07/16	Tue 12/07/16	5-Day Av	7-Day Av
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# APPENDIX B



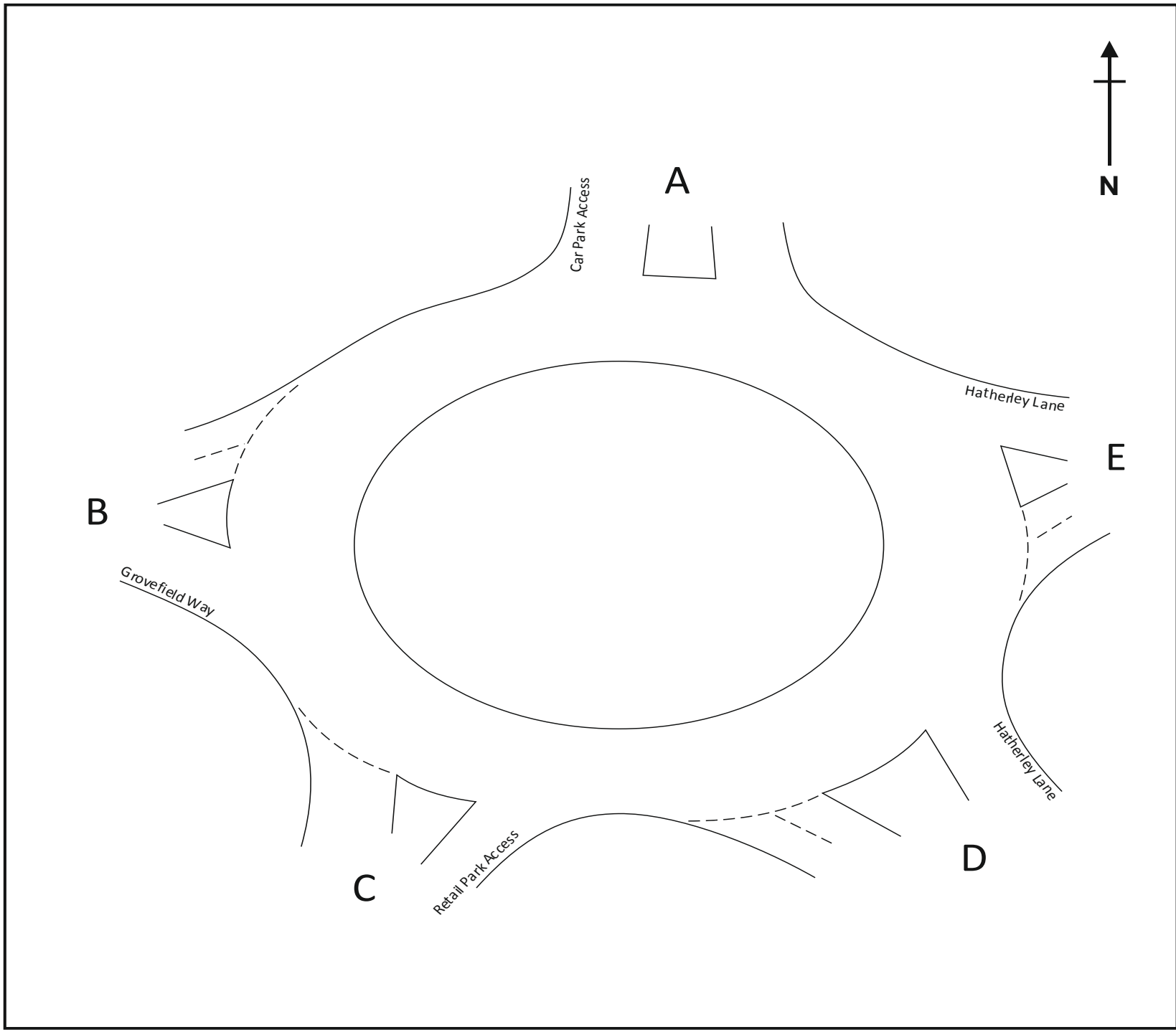
For and on behalf of:



CHELTENHAM  
Saturday 09 July 2016  
1100-1500

Drawing N<sup>o</sup>: 20535 - 01  
Site: 1  
Location: Fiddler's Green Lane /  
B4063 /  
A40 /  
Hatherley Lane /  
A40 Gloucester Road





CHELTENHAM  
Saturday 09 July 2016  
1100-1500

Drawing N<sup>o</sup>: 20535 - 02  
Site: 2  
Location: Car Park Access /  
Grovefield Way /  
Retail Park Access /  
Hatherley Lane





# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 1

LOCATION: FIDDLER'S GREEN LANE / B4063 / A40 / HATHERLEY LANE / A40 GLOUCESTER ROAD

DATE: 09/07/2016

DAY: SATURDAY

TIME	A - A FROM FIDDLER'S GREEN LANE TO FIDDLER'S GREEN LANE									B - A FROM B4063 TO FIDDLER'S GREEN LANE								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	1	7
11:15	0	0	0	0	0	0	0	0	0	7	0	1	0	0	0	0	1	9
11:30	0	0	0	0	0	0	0	0	0	9	1	0	0	0	0	0	1	11
11:45	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	4	2	9
<b>H/TOT</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>5</b>	<b>36</b>
12:00	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	2	0	6
12:15	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	2	0	8
12:30	0	0	0	0	0	0	0	0	0	6	1	0	0	0	0	1	3	11
12:45	0	0	0	0	0	0	0	0	0	9	1	0	0	0	0	0	0	10
<b>H/TOT</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>3</b>	<b>35</b>
13:00	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	1	0	5
13:15	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	1	7
13:30	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	1	7
13:45	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3
<b>H/TOT</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>22</b>
14:00	0	0	0	0	0	0	0	0	0	7	1	0	0	0	0	2	0	10
14:15	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	1	0	11
14:30	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	2	0	6
14:45	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	2	2	12
<b>H/TOT</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>2</b>	<b>39</b>
<b>P/TOT</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>90</b>	<b>10</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>12</b>	<b>132</b>

# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 1

LOCATION: FIDDLER'S GREEN LANE / B4063 / A40 / HATHERLEY LANE / A40 GLOUCESTER ROAD

DATE: 09/07/2016

DAY: SATURDAY

TIME	B - E FROM B4063 TO A40 GLOUCESTER ROAD									B - D FROM B4063 TO HATHERLEY LANE								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	50	4	0	0	1	0	0	0	55	24	3	0	0	0	0	0	0	27
11:15	40	3	0	0	2	0	0	0	45	22	2	0	0	0	0	0	0	24
11:30	47	5	0	0	1	0	0	0	53	27	2	0	0	0	0	0	0	29
11:45	53	3	1	1	2	0	1	0	61	23	3	0	0	0	0	0	0	26
<b>H/TOT</b>	<b>190</b>	<b>15</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>214</b>	<b>96</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>106</b>
12:00	42	5	0	0	0	1	0	0	48	19	1	1	0	0	0	0	0	21
12:15	49	3	0	0	2	1	0	0	55	25	0	0	0	0	0	0	0	25
12:30	44	4	1	0	1	0	1	0	51	23	2	0	0	0	0	0	0	25
12:45	49	3	0	0	2	1	0	0	55	22	3	0	0	0	0	0	0	25
<b>H/TOT</b>	<b>184</b>	<b>15</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>209</b>	<b>89</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>96</b>
13:00	37	2	0	0	1	0	0	0	40	26	3	0	0	0	0	0	0	29
13:15	41	2	0	1	3	1	0	0	48	19	3	0	0	0	0	0	0	22
13:30	34	1	1	0	1	1	0	0	38	20	2	0	0	0	0	0	0	22
13:45	38	3	0	0	2	1	0	0	44	16	3	0	0	0	0	0	0	19
<b>H/TOT</b>	<b>150</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>170</b>	<b>81</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>92</b>
14:00	39	4	0	0	1	0	0	0	44	16	1	0	0	0	0	0	0	17
14:15	47	2	1	0	2	1	0	0	53	14	1	0	0	0	0	0	0	15
14:30	54	2	0	0	1	0	0	0	57	17	2	0	0	0	1	0	0	20
14:45	39	2	0	0	2	0	0	0	43	17	2	1	0	0	0	0	0	20
<b>H/TOT</b>	<b>179</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>197</b>	<b>64</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>72</b>
<b>P/TOT</b>	<b>703</b>	<b>48</b>	<b>4</b>	<b>2</b>	<b>24</b>	<b>7</b>	<b>2</b>	<b>0</b>	<b>790</b>	<b>330</b>	<b>33</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>366</b>



# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 1

DATE: 09/07/2016

LOCATION: FIDDLER'S GREEN LANE / B4063 / A40 / HATHERLEY LANE / A40 GLOUCESTER ROAD

DAY: SATURDAY

TIME	C - B FROM A40 TO B4063									C - A FROM A40 TO FIDDLER'S GREEN LANE								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	11	2	0	0	0	0	0	0	13	10	1	0	0	0	0	0	0	11
11:15	19	0	0	0	0	0	0	0	19	10	0	0	0	0	1	0	0	11
11:30	14	0	0	0	0	0	0	0	14	10	0	0	0	0	0	0	0	10
11:45	17	0	0	0	0	0	0	0	17	6	0	0	0	0	0	0	0	6
<b>H/TOT</b>	<b>61</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>63</b>	<b>36</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>38</b>
12:00	16	3	0	0	0	0	0	0	19	8	2	0	0	0	0	0	0	10
12:15	8	2	0	0	0	0	0	0	10	10	0	0	0	0	0	0	0	10
12:30	13	2	0	0	0	0	0	0	15	9	1	0	0	0	0	0	0	10
12:45	15	3	0	0	0	0	0	0	18	5	0	0	0	0	0	0	0	5
<b>H/TOT</b>	<b>52</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>62</b>	<b>32</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35</b>
13:00	13	3	0	0	0	0	0	0	16	9	0	0	0	0	0	0	0	9
13:15	11	2	0	0	0	1	0	0	14	2	1	0	0	0	0	0	0	3
13:30	9	0	0	1	0	0	0	0	10	11	1	0	0	0	0	0	0	12
13:45	19	1	0	0	1	0	0	0	21	11	1	0	0	0	0	0	0	12
<b>H/TOT</b>	<b>52</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>61</b>	<b>33</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>36</b>
14:00	15	1	0	0	0	0	0	0	16	6	0	0	0	0	0	0	0	6
14:15	11	1	0	0	0	0	0	0	12	10	2	0	0	0	0	0	0	12
14:30	11	0	0	0	0	0	0	0	11	6	1	0	0	0	0	0	0	7
14:45	17	2	0	0	0	0	0	0	19	6	0	0	0	0	1	0	0	7
<b>H/TOT</b>	<b>54</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>58</b>	<b>28</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>32</b>
<b>P/TOT</b>	<b>219</b>	<b>22</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>244</b>	<b>129</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>141</b>

# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 1

LOCATION: FIDDLER'S GREEN LANE / B4063 / A40 / HATHERLEY LANE / A40 GLOUCESTER ROAD

DATE: 09/07/2016

DAY: SATURDAY

TIME	C - E FROM A40 TO A40 GLOUCESTER ROAD									C - D FROM A40 TO HATHERLEY LANE								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	215	16	2	0	0	3	0	0	236	61	4	0	1	0	0	0	0	66
11:15	200	18	1	2	2	3	0	0	226	58	3	1	0	0	0	0	0	62
11:30	227	16	1	0	1	2	0	0	247	58	2	0	0	0	0	0	0	60
11:45	203	20	3	2	1	1	0	0	230	63	2	0	0	0	0	0	0	65
<b>H/TOT</b>	<b>845</b>	<b>70</b>	<b>7</b>	<b>4</b>	<b>4</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>939</b>	<b>240</b>	<b>11</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>253</b>
12:00	231	12	1	0	0	2	1	0	247	67	4	0	1	0	0	0	0	72
12:15	223	14	2	0	0	0	0	0	239	66	1	1	0	0	0	0	0	68
12:30	232	17	3	0	1	3	0	0	256	78	1	1	0	0	0	0	0	80
12:45	230	14	0	0	0	0	0	0	244	67	1	1	0	0	1	0	0	70
<b>H/TOT</b>	<b>916</b>	<b>57</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>986</b>	<b>278</b>	<b>7</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>290</b>
13:00	178	15	1	0	0	4	0	0	198	55	3	0	0	0	0	0	0	58
13:15	219	8	2	1	0	1	0	0	231	73	5	0	0	0	1	0	0	79
13:30	246	10	1	0	1	4	0	0	262	55	3	0	0	0	0	0	0	58
13:45	203	17	1	0	0	3	0	0	224	66	3	1	0	0	0	0	0	70
<b>H/TOT</b>	<b>846</b>	<b>50</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>915</b>	<b>249</b>	<b>14</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>265</b>
14:00	203	10	1	0	1	2	0	0	217	64	2	0	0	0	0	0	0	66
14:15	209	15	0	1	0	1	0	0	226	55	3	0	0	0	0	0	0	58
14:30	194	7	1	0	0	6	0	0	208	54	3	0	0	0	0	0	0	57
14:45	196	11	2	1	0	1	0	0	211	53	0	0	0	0	0	0	0	53
<b>H/TOT</b>	<b>802</b>	<b>43</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>862</b>	<b>226</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>234</b>
<b>P/TOT</b>	<b>3409</b>	<b>220</b>	<b>22</b>	<b>7</b>	<b>7</b>	<b>36</b>	<b>1</b>	<b>0</b>	<b>3702</b>	<b>993</b>	<b>40</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1042</b>



# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 1

LOCATION: FIDDLER'S GREEN LANE / B4063 / A40 / HATHERLEY LANE / A40 GLOUCESTER ROAD

DATE: 09/07/2016

DAY: SATURDAY

TIME	C - C FROM A40 TO A40									D - C FROM HATHERLEY LANE TO A40								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	1	0	1	0	0	0	0	0	2	78	3	0	0	0	0	0	0	81
11:15	4	0	0	0	1	0	0	0	5	67	7	1	0	0	0	0	0	75
11:30	2	1	0	1	0	0	0	0	4	62	6	0	0	0	0	0	0	68
11:45	12	1	0	0	0	1	0	0	14	65	8	0	0	0	0	0	0	73
<b>H/TOT</b>	<b>19</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>25</b>	<b>272</b>	<b>24</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>297</b>
12:00	2	0	0	0	0	0	0	0	2	68	6	0	0	0	0	0	0	74
12:15	1	1	0	0	0	0	0	0	2	80	5	0	0	0	0	0	0	85
12:30	1	0	0	0	0	0	0	0	1	91	2	0	0	0	0	0	0	93
12:45	3	0	0	1	0	0	0	0	4	74	8	0	2	0	0	0	0	84
<b>H/TOT</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>313</b>	<b>21</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>336</b>
13:00	5	0	0	1	0	0	0	0	6	86	5	0	0	0	0	0	0	91
13:15	6	0	0	0	0	0	0	0	6	58	7	0	0	0	0	0	0	65
13:30	3	1	0	0	0	0	0	0	4	84	2	0	0	0	0	0	0	86
13:45	3	0	0	0	0	0	0	0	3	68	4	0	0	0	0	0	0	72
<b>H/TOT</b>	<b>17</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>296</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>314</b>
14:00	1	0	1	0	0	0	0	0	2	79	8	0	0	0	0	0	0	87
14:15	1	0	0	0	0	0	0	0	1	66	1	0	0	0	0	0	0	67
14:30	4	2	0	0	0	0	0	0	6	62	6	0	0	0	0	0	0	68
14:45	3	0	0	0	0	1	0	0	4	60	2	0	0	0	0	0	0	62
<b>H/TOT</b>	<b>9</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>267</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>284</b>
<b>P/TOT</b>	<b>52</b>	<b>6</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>66</b>	<b>1148</b>	<b>80</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1231</b>

# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 1

DATE: 09/07/2016

LOCATION: FIDDLER'S GREEN LANE / B4063 / A40 / HATHERLEY LANE / A40 GLOUCESTER ROAD

DAY: SATURDAY

TIME	D - B FROM HATHERLEY LANE TO B4063									D - A FROM HATHERLEY LANE TO FIDDLER'S GREEN LANE								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	27	2	0	0	0	0	0	0	29	11	1	0	0	0	0	0	0	12
11:15	16	4	0	0	0	0	1	0	21	11	0	0	0	0	0	0	0	11
11:30	31	3	0	0	0	0	0	0	34	16	3	0	0	0	0	0	0	19
11:45	29	1	1	0	0	0	0	0	31	12	2	0	0	0	0	0	0	14
<b>H/TOT</b>	<b>103</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>115</b>	<b>50</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>56</b>
12:00	23	3	0	0	0	0	0	0	26	22	1	0	0	0	0	0	0	23
12:15	25	0	1	0	0	0	0	0	26	20	0	0	0	0	0	0	0	20
12:30	16	3	0	0	0	0	0	0	19	19	0	0	0	0	0	0	0	19
12:45	17	2	0	0	0	0	0	0	19	21	1	0	0	0	0	0	0	22
<b>H/TOT</b>	<b>81</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>90</b>	<b>82</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>84</b>
13:00	26	0	0	0	0	0	0	0	26	22	1	0	0	0	0	0	0	23
13:15	17	0	1	0	0	0	0	0	18	12	1	0	0	0	0	0	0	13
13:30	27	4	0	0	0	0	1	0	32	18	0	0	0	0	0	0	0	18
13:45	19	0	1	0	0	0	0	0	20	12	1	0	0	0	0	0	0	13
<b>H/TOT</b>	<b>89</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>96</b>	<b>64</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>67</b>
14:00	19	1	0	0	0	0	0	0	20	8	0	0	0	0	1	0	0	9
14:15	23	1	0	0	0	0	0	0	24	14	0	0	0	0	0	0	0	14
14:30	11	1	0	0	0	0	0	0	12	20	1	0	0	0	0	0	0	21
14:45	32	1	0	0	0	0	0	0	33	21	1	0	0	0	0	0	0	22
<b>H/TOT</b>	<b>85</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>89</b>	<b>63</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>66</b>
<b>P/TOT</b>	<b>358</b>	<b>26</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>390</b>	<b>259</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>273</b>



# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 1

LOCATION: FIDDLER'S GREEN LANE / B4063 / A40 / HATHERLEY LANE / A40 GLOUCESTER ROAD

DATE: 09/07/2016

DAY: SATURDAY

TIME	E - D FROM A40 GLOUCESTER ROAD TO HATHERLEY LANE									E - C FROM A40 GLOUCESTER ROAD TO A40								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	101	8	1	0	0	0	1	3	114	194	16	0	1	2	0	0	0	213
11:15	119	4	0	0	0	0	0	5	128	199	24	4	0	1	3	0	0	231
11:30	107	7	0	0	0	0	0	6	120	218	19	3	1	4	1	0	0	246
11:45	141	4	0	0	0	0	3	8	156	240	20	1	1	1	1	0	0	264
<b>H/TOT</b>	<b>468</b>	<b>23</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>22</b>	<b>518</b>	<b>851</b>	<b>79</b>	<b>8</b>	<b>3</b>	<b>8</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>954</b>
12:00	124	3	0	0	0	0	1	3	131	236	24	1	0	3	4	0	0	268
12:15	125	5	0	0	0	0	0	5	135	246	15	1	1	1	1	0	0	265
12:30	122	10	0	0	0	0	1	9	142	239	18	0	2	2	0	0	0	261
12:45	103	9	0	0	0	2	0	5	119	240	22	0	1	1	3	0	0	267
<b>H/TOT</b>	<b>474</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>22</b>	<b>527</b>	<b>961</b>	<b>79</b>	<b>2</b>	<b>4</b>	<b>7</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>1061</b>
13:00	121	4	0	0	0	0	1	7	133	285	21	1	0	2	1	0	0	310
13:15	99	7	0	0	0	2	1	6	115	268	17	0	0	2	1	0	0	288
13:30	85	3	0	0	0	0	0	12	100	245	16	1	0	2	3	1	0	268
13:45	115	9	1	0	0	0	1	6	132	245	14	2	0	1	1	0	0	263
<b>H/TOT</b>	<b>420</b>	<b>23</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>31</b>	<b>480</b>	<b>1043</b>	<b>68</b>	<b>4</b>	<b>0</b>	<b>7</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>1129</b>
14:00	112	10	0	0	0	2	2	1	127	237	14	1	0	2	2	0	0	256
14:15	106	6	1	0	0	2	1	3	119	255	13	3	1	5	3	0	0	280
14:30	110	10	0	0	0	0	2	7	129	211	19	2	0	2	6	0	0	240
14:45	96	4	0	0	0	1	1	1	103	187	14	4	1	2	1	0	0	209
<b>H/TOT</b>	<b>424</b>	<b>30</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>6</b>	<b>12</b>	<b>478</b>	<b>890</b>	<b>60</b>	<b>10</b>	<b>2</b>	<b>11</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>985</b>
<b>P/TOT</b>	<b>1786</b>	<b>103</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>15</b>	<b>87</b>	<b>2003</b>	<b>3745</b>	<b>286</b>	<b>24</b>	<b>9</b>	<b>33</b>	<b>31</b>	<b>1</b>	<b>0</b>	<b>4129</b>





# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 1

LOCATION: FIDDLER'S GREEN LANE / B4063 / A40 / HATHERLEY LANE / A40 GLOUCESTER ROAD

DATE: 09/07/2016

DAY: SATURDAY

TIME	TO ARM A FIDDLER'S GREEN LANE									FROM ARM A FIDDLER'S GREEN LANE								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	31	3	0	0	0	0	0	1	35	20	2	0	0	0	0	0	0	22
11:15	33	0	1	0	0	1	0	1	36	27	2	0	0	0	0	0	0	29
11:30	41	4	0	0	0	0	0	1	46	16	5	0	0	0	0	0	0	21
11:45	23	3	0	0	0	0	4	2	32	26	0	0	0	0	0	0	0	26
<b>H/TOT</b>	<b>128</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>149</b>	<b>89</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>98</b>
12:00	38	4	1	0	0	0	2	0	45	37	2	0	0	0	0	0	0	39
12:15	39	1	0	0	0	0	2	0	42	29	6	0	0	0	0	0	0	35
12:30	37	3	0	0	0	0	1	3	44	25	3	1	0	0	0	0	0	29
12:45	37	2	0	0	0	0	0	0	39	23	5	0	0	0	0	0	0	28
<b>H/TOT</b>	<b>151</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>3</b>	<b>170</b>	<b>114</b>	<b>16</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>131</b>
13:00	40	3	0	0	0	0	1	0	44	39	1	1	0	0	0	0	0	41
13:15	27	2	0	0	0	0	0	1	30	25	1	0	0	0	0	0	0	26
13:30	42	3	0	0	0	0	0	1	46	33	3	0	0	0	0	0	0	36
13:45	30	3	1	0	0	0	0	0	34	28	3	0	0	0	0	0	0	31
<b>H/TOT</b>	<b>139</b>	<b>11</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>154</b>	<b>125</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>134</b>
14:00	23	1	0	0	0	0	3	0	27	22	1	0	0	0	0	0	0	23
14:15	40	2	0	0	0	0	1	0	43	20	2	0	0	0	0	0	0	22
14:30	32	2	0	0	0	0	2	0	36	31	3	1	0	0	0	0	0	35
14:45	38	1	0	0	0	1	2	2	44	26	1	0	0	0	1	0	0	28
<b>H/TOT</b>	<b>133</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>8</b>	<b>2</b>	<b>150</b>	<b>99</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>108</b>
<b>P/TOT</b>	<b>551</b>	<b>37</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>18</b>	<b>12</b>	<b>623</b>	<b>427</b>	<b>40</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>471</b>

# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 1

LOCATION: FIDDLER'S GREEN LANE / B4063 / A40 / HATHERLEY LANE / A40 GLOUCESTER ROAD

DATE: 09/07/2016

DAY: SATURDAY

TIME	TO ARM B B4063									FROM ARM B B4063								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	68	8	0	0	2	0	0	0	78	97	11	0	0	1	0	0	1	110
11:15	76	8	1	0	2	0	1	0	88	81	6	1	0	2	1	0	1	92
11:30	76	5	0	1	1	0	0	0	83	92	9	0	0	1	1	0	1	104
11:45	78	3	1	0	2	0	0	0	84	87	8	1	1	2	0	5	2	106
<b>H/TOT</b>	<b>298</b>	<b>24</b>	<b>2</b>	<b>1</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>333</b>	<b>357</b>	<b>34</b>	<b>2</b>	<b>1</b>	<b>6</b>	<b>2</b>	<b>5</b>	<b>5</b>	<b>412</b>
12:00	72	10	0	0	2	1	0	0	85	72	8	2	0	0	1	2	0	85
12:15	70	8	2	0	1	1	1	0	83	86	4	0	0	2	1	2	0	95
12:30	64	7	1	0	2	0	0	0	74	82	8	1	0	1	0	2	3	97
12:45	70	10	0	0	2	0	0	0	82	87	9	0	0	2	1	0	0	99
<b>H/TOT</b>	<b>276</b>	<b>35</b>	<b>3</b>	<b>0</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>324</b>	<b>327</b>	<b>29</b>	<b>3</b>	<b>0</b>	<b>5</b>	<b>3</b>	<b>6</b>	<b>3</b>	<b>376</b>
13:00	91	8	2	0	1	1	0	0	103	82	7	1	0	1	0	1	0	92
13:15	71	3	1	0	1	1	0	0	77	80	6	0	1	3	1	0	1	92
13:30	80	8	1	1	2	0	1	0	93	73	5	1	0	1	1	0	1	82
13:45	81	4	1	0	2	0	0	0	88	65	8	1	0	2	1	0	0	77
<b>H/TOT</b>	<b>323</b>	<b>23</b>	<b>5</b>	<b>1</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>361</b>	<b>300</b>	<b>26</b>	<b>3</b>	<b>1</b>	<b>7</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>343</b>
14:00	74	4	0	0	2	0	0	0	80	69	8	0	0	1	1	2	0	81
14:15	57	8	0	0	1	1	0	0	67	77	4	2	0	2	1	1	0	87
14:30	50	3	1	0	2	0	0	0	56	81	4	0	0	1	1	2	0	89
14:45	85	5	0	0	1	1	0	0	92	69	4	1	0	2	0	2	2	80
<b>H/TOT</b>	<b>266</b>	<b>20</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>295</b>	<b>296</b>	<b>20</b>	<b>3</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>7</b>	<b>2</b>	<b>337</b>
<b>P/TOT</b>	<b>1163</b>	<b>102</b>	<b>11</b>	<b>2</b>	<b>26</b>	<b>6</b>	<b>3</b>	<b>0</b>	<b>1313</b>	<b>1280</b>	<b>109</b>	<b>11</b>	<b>2</b>	<b>24</b>	<b>11</b>	<b>19</b>	<b>12</b>	<b>1468</b>



# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 1

LOCATION: FIDDLER'S GREEN LANE / B4063 / A40 / HATHERLEY LANE / A40 GLOUCESTER ROAD

DATE: 09/07/2016

DAY: SATURDAY

TIME	TO ARM C A40									FROM ARM C A40								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	298	22	1	1	2	0	0	0	324	298	23	3	1	0	3	0	0	328
11:15	291	34	5	0	2	4	0	0	336	291	21	2	2	3	4	0	0	323
11:30	295	29	3	2	4	2	0	0	335	311	19	1	1	1	2	0	0	335
11:45	332	30	1	1	1	2	0	0	367	301	23	3	2	1	2	0	0	332
<b>H/TOT</b>	<b>1216</b>	<b>115</b>	<b>10</b>	<b>4</b>	<b>9</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>1362</b>	<b>1201</b>	<b>86</b>	<b>9</b>	<b>6</b>	<b>5</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>1318</b>
12:00	320	32	1	0	3	4	0	0	360	324	21	1	1	0	2	1	0	350
12:15	340	22	1	1	1	1	0	0	366	308	18	3	0	0	0	0	0	329
12:30	345	21	0	2	2	0	0	0	370	333	21	4	0	1	3	0	0	362
12:45	328	33	0	4	1	3	0	0	369	320	18	1	1	0	1	0	0	341
<b>H/TOT</b>	<b>1333</b>	<b>108</b>	<b>2</b>	<b>7</b>	<b>7</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>1465</b>	<b>1285</b>	<b>78</b>	<b>9</b>	<b>2</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>1382</b>
13:00	405	27	2	1	2	1	0	0	438	260	21	1	1	0	4	0	0	287
13:15	351	26	0	0	2	1	0	0	380	311	16	2	1	0	3	0	0	333
13:30	352	20	1	0	2	3	1	0	379	324	15	1	1	1	4	0	0	346
13:45	331	20	2	0	1	1	0	0	355	302	22	2	0	1	3	0	0	330
<b>H/TOT</b>	<b>1439</b>	<b>93</b>	<b>5</b>	<b>1</b>	<b>7</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>1552</b>	<b>1197</b>	<b>74</b>	<b>6</b>	<b>3</b>	<b>2</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>1296</b>
14:00	326	24	2	0	2	3	0	0	357	289	13	2	0	1	2	0	0	307
14:15	332	15	4	1	5	3	0	0	360	286	21	0	1	0	1	0	0	309
14:30	292	27	2	0	2	6	0	0	329	269	13	1	0	0	6	0	0	289
14:45	261	16	4	1	2	2	0	0	286	275	13	2	1	0	3	0	0	294
<b>H/TOT</b>	<b>1211</b>	<b>82</b>	<b>12</b>	<b>2</b>	<b>11</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>1332</b>	<b>1119</b>	<b>60</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>1199</b>
<b>P/TOT</b>	<b>5199</b>	<b>398</b>	<b>29</b>	<b>14</b>	<b>34</b>	<b>36</b>	<b>1</b>	<b>0</b>	<b>5711</b>	<b>4802</b>	<b>298</b>	<b>29</b>	<b>13</b>	<b>9</b>	<b>43</b>	<b>1</b>	<b>0</b>	<b>5195</b>

# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 1

LOCATION: FIDDLER'S GREEN LANE / B4063 / A40 / HATHERLEY LANE / A40 GLOUCESTER ROAD

DATE: 09/07/2016

DAY: SATURDAY

TIME	TO ARM D HATHERLEY LANE									FROM ARM D HATHERLEY LANE								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	197	17	1	1	0	0	1	3	220	187	13	0	0	2	0	1	3	206
11:15	208	9	1	0	0	0	0	5	223	163	14	1	0	1	1	2	4	186
11:30	202	13	0	0	0	0	0	6	221	178	16	0	0	2	0	0	3	199
11:45	246	9	0	0	0	0	3	8	266	180	13	1	0	1	0	0	6	201
<b>H/TOT</b>	<b>853</b>	<b>48</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>22</b>	<b>930</b>	<b>708</b>	<b>56</b>	<b>2</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>3</b>	<b>16</b>	<b>792</b>
12:00	235	9	1	1	0	0	1	3	250	196	13	0	0	2	0	0	7	218
12:15	237	9	1	0	0	0	0	5	252	215	7	1	0	1	1	0	7	232
12:30	242	16	1	0	0	0	1	9	269	209	6	0	0	2	0	0	6	223
12:45	207	14	1	0	0	3	0	5	230	184	15	0	2	1	0	0	1	203
<b>H/TOT</b>	<b>921</b>	<b>48</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>22</b>	<b>1001</b>	<b>804</b>	<b>41</b>	<b>1</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>21</b>	<b>876</b>
13:00	219	10	0	0	0	0	1	7	237	205	9	0	0	2	0	0	5	221
13:15	205	15	0	0	0	3	1	6	230	165	10	1	0	1	2	1	4	184
13:30	179	10	0	0	0	0	0	12	201	204	13	0	0	2	2	4	5	230
13:45	217	17	2	0	0	0	1	6	243	180	8	2	0	1	0	0	8	199
<b>H/TOT</b>	<b>820</b>	<b>52</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>31</b>	<b>911</b>	<b>754</b>	<b>40</b>	<b>3</b>	<b>0</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>22</b>	<b>834</b>
14:00	207	14	0	0	0	2	2	1	226	173	16	1	0	2	0	5	14	211
14:15	185	13	1	0	0	2	1	3	205	161	10	1	0	1	1	2	1	177
14:30	202	17	0	0	0	1	2	7	229	177	11	0	0	1	1	1	4	195
14:45	183	8	1	0	0	1	1	1	195	188	7	0	0	2	2	0	4	203
<b>H/TOT</b>	<b>777</b>	<b>52</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>12</b>	<b>855</b>	<b>699</b>	<b>44</b>	<b>2</b>	<b>0</b>	<b>6</b>	<b>4</b>	<b>8</b>	<b>23</b>	<b>786</b>
<b>P/TOT</b>	<b>3371</b>	<b>200</b>	<b>10</b>	<b>2</b>	<b>0</b>	<b>12</b>	<b>15</b>	<b>87</b>	<b>3697</b>	<b>2965</b>	<b>181</b>	<b>8</b>	<b>2</b>	<b>24</b>	<b>10</b>	<b>16</b>	<b>82</b>	<b>3288</b>

# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 1

LOCATION: FIDDLER'S GREEN LANE / B4063 / A40 / HATHERLEY LANE / A40 GLOUCESTER ROAD

DATE: 09/07/2016

DAY: SATURDAY

TIME	TO ARM E A40 GLOUCESTER ROAD									FROM ARM E A40 GLOUCESTER ROAD								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	336	27	2	0	3	3	1	3	375	328	28	1	1	4	0	1	3	366
11:15	315	24	1	2	5	4	1	4	356	361	32	5	0	3	3	0	5	409
11:30	344	26	1	0	4	2	0	3	380	361	28	3	2	5	1	0	6	406
11:45	332	25	4	3	4	1	1	6	376	417	26	1	1	3	1	3	8	460
<b>H/TOT</b>	<b>1327</b>	<b>102</b>	<b>8</b>	<b>5</b>	<b>16</b>	<b>10</b>	<b>3</b>	<b>16</b>	<b>1487</b>	<b>1467</b>	<b>114</b>	<b>10</b>	<b>4</b>	<b>15</b>	<b>5</b>	<b>4</b>	<b>22</b>	<b>1641</b>
12:00	361	21	1	0	2	3	1	7	396	397	32	1	0	5	5	1	3	444
12:15	361	19	2	0	3	2	0	7	394	409	24	2	1	2	2	1	5	446
12:30	359	21	4	0	4	3	1	6	398	398	30	0	2	4	0	1	9	444
12:45	350	22	0	0	3	1	0	1	377	378	34	0	1	3	5	0	5	426
<b>H/TOT</b>	<b>1431</b>	<b>83</b>	<b>7</b>	<b>0</b>	<b>12</b>	<b>9</b>	<b>2</b>	<b>21</b>	<b>1565</b>	<b>1582</b>	<b>120</b>	<b>3</b>	<b>4</b>	<b>14</b>	<b>12</b>	<b>3</b>	<b>22</b>	<b>1760</b>
13:00	290	21	1	0	3	4	0	5	324	459	31	2	0	3	2	1	7	505
13:15	341	12	2	2	4	4	1	4	370	414	25	0	0	3	3	1	6	452
13:30	357	18	2	0	4	7	3	5	396	376	23	2	0	4	3	1	12	421
13:45	322	23	2	0	3	4	0	8	362	406	26	3	0	2	1	1	6	445
<b>H/TOT</b>	<b>1310</b>	<b>74</b>	<b>7</b>	<b>2</b>	<b>14</b>	<b>19</b>	<b>4</b>	<b>22</b>	<b>1452</b>	<b>1655</b>	<b>105</b>	<b>7</b>	<b>0</b>	<b>12</b>	<b>9</b>	<b>4</b>	<b>31</b>	<b>1823</b>
14:00	312	21	2	0	4	2	4	14	359	389	26	1	0	4	4	2	1	427
14:15	320	25	2	1	3	3	2	1	357	390	26	4	1	6	6	1	3	437
14:30	333	13	1	0	2	7	1	4	361	351	31	2	0	4	6	2	7	403
14:45	313	15	2	1	4	4	0	4	343	322	20	4	1	3	3	1	1	355
<b>H/TOT</b>	<b>1278</b>	<b>74</b>	<b>7</b>	<b>2</b>	<b>13</b>	<b>16</b>	<b>7</b>	<b>23</b>	<b>1420</b>	<b>1452</b>	<b>103</b>	<b>11</b>	<b>2</b>	<b>17</b>	<b>19</b>	<b>6</b>	<b>12</b>	<b>1622</b>
<b>P/TOT</b>	<b>5346</b>	<b>333</b>	<b>29</b>	<b>9</b>	<b>55</b>	<b>54</b>	<b>16</b>	<b>82</b>	<b>5924</b>	<b>6156</b>	<b>442</b>	<b>31</b>	<b>10</b>	<b>58</b>	<b>45</b>	<b>17</b>	<b>87</b>	<b>6846</b>







# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 2

LOCATION: CAR PARK ACCESS / GROVEFIELD WAY / RETAIL PARK ACCESS / HATHERLEY LANE

DATE: 09/07/2016

DAY: SATURDAY

TIME	B - E FROM GROVEFIELD WAY TO HATHERLEY LANE (NE)									B - D FROM GROVEFIELD WAY TO HATHERLEY LANE (SE)								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	51	7	0	0	0	0	0	0	58	18	0	0	0	0	0	0	0	18
11:15	51	6	0	0	0	0	1	0	58	25	2	0	0	0	0	0	0	27
11:30	50	8	0	0	0	0	0	0	58	18	1	0	0	0	0	0	0	19
11:45	53	8	0	0	0	0	0	0	61	21	0	0	0	0	0	0	0	21
<b>H/TOT</b>	<b>205</b>	<b>29</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>235</b>	<b>82</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>85</b>
12:00	46	5	2	0	0	0	0	0	53	25	0	0	0	0	0	0	0	25
12:15	79	4	0	0	0	0	0	0	83	22	0	0	0	0	0	0	0	22
12:30	56	3	1	0	0	0	0	0	60	21	0	0	0	0	0	0	0	21
12:45	53	3	0	0	0	0	0	0	56	18	3	0	0	0	0	0	0	21
<b>H/TOT</b>	<b>234</b>	<b>15</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>252</b>	<b>86</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>89</b>
13:00	57	3	0	0	0	0	0	0	60	19	0	0	0	0	0	0	0	19
13:15	47	4	1	0	0	1	0	0	53	24	0	0	0	0	0	0	0	24
13:30	65	3	0	0	0	1	1	0	70	11	2	0	0	0	1	0	0	14
13:45	47	4	0	0	0	0	0	0	51	14	0	0	0	0	0	0	0	14
<b>H/TOT</b>	<b>216</b>	<b>14</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>234</b>	<b>68</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>71</b>
14:00	45	5	0	0	0	0	0	0	50	16	0	0	0	0	0	0	0	16
14:15	54	3	0	0	0	1	0	0	58	16	0	0	0	0	0	0	0	16
14:30	61	2	0	0	0	0	0	0	63	15	0	0	0	0	0	0	0	15
14:45	52	2	0	0	0	0	0	0	54	25	2	0	0	0	0	0	0	27
<b>H/TOT</b>	<b>212</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>225</b>	<b>72</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>74</b>
<b>P/TOT</b>	<b>867</b>	<b>70</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>946</b>	<b>308</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>319</b>







# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 2

LOCATION: CAR PARK ACCESS / GROVEFIELD WAY / RETAIL PARK ACCESS / HATHERLEY LANE

DATE: 09/07/2016

DAY: SATURDAY

TIME	C - E FROM RETAIL PARK ACCESS TO HATHERLEY LANE (NE)									C - D FROM RETAIL PARK ACCESS TO HATHERLEY LANE (SE)								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	31	5	0	0	0	0	0	1	37	22	4	0	0	0	0	0	1	27
11:15	30	2	0	0	0	0	0	0	32	18	1	0	0	0	0	0	8	27
11:30	29	1	0	0	0	0	0	0	30	18	0	0	0	0	1	3	22	
11:45	38	1	0	0	0	0	0	0	39	21	0	0	0	0	2	6	29	
<b>H/TOT</b>	<b>128</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>138</b>	<b>79</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>18</b>	<b>105</b>	
12:00	49	1	0	0	0	0	0	0	50	14	0	0	0	0	0	3	17	
12:15	40	2	0	0	0	1	0	0	43	23	0	0	0	0	0	1	24	
12:30	46	2	0	0	0	0	0	0	48	27	2	0	0	0	0	5	34	
12:45	31	3	0	1	0	0	0	0	35	19	1	0	0	0	0	4	24	
<b>H/TOT</b>	<b>166</b>	<b>8</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>176</b>	<b>83</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>99</b>	
13:00	40	1	0	0	0	0	0	2	43	17	3	0	0	0	1	2	23	
13:15	41	1	0	0	0	0	0	0	42	12	1	0	0	0	1	1	15	
13:30	31	5	0	0	0	0	0	0	36	13	2	0	0	0	0	4	19	
13:45	40	2	0	0	0	0	0	0	42	11	0	0	0	0	0	0	11	
<b>H/TOT</b>	<b>152</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>163</b>	<b>53</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>7</b>	<b>68</b>	
14:00	33	8	0	0	0	0	0	0	41	10	0	0	0	0	2	3	15	
14:15	23	2	1	0	0	0	0	0	26	11	0	0	0	0	2	6	19	
14:30	33	0	0	0	0	0	0	0	33	19	2	0	0	0	1	0	22	
14:45	35	3	0	0	0	1	0	0	39	23	2	0	0	0	1	11	37	
<b>H/TOT</b>	<b>124</b>	<b>13</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>139</b>	<b>63</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>20</b>	<b>93</b>
<b>P/TOT</b>	<b>570</b>	<b>39</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>616</b>	<b>278</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>10</b>	<b>58</b>	<b>365</b>

# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 2

LOCATION: CAR PARK ACCESS / GROVEFIELD WAY / RETAIL PARK ACCESS / HATHERLEY LANE

DATE: 09/07/2016

DAY: SATURDAY

TIME	C - C FROM RETAIL PARK ACCESS TO RETAIL PARK ACCESS									D - C FROM HATHERLEY LANE (SE) TO RETAIL PARK ACCESS								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	0	0	0	0	0	0	0	0	0	13	2	0	0	0	0	0	1	16
11:15	0	0	0	0	0	0	0	0	0	15	1	0	0	0	0	0	6	22
11:30	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	4	20
11:45	0	0	0	0	0	0	0	0	0	18	1	0	0	0	0	2	1	22
<b>H/TOT</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>62</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>12</b>	<b>80</b>
12:00	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	1	1	25
12:15	0	0	0	0	0	0	0	0	0	27	2	0	0	0	0	0	5	34
12:30	0	0	0	0	0	0	0	0	0	16	1	0	0	0	0	1	5	23
12:45	0	0	0	0	0	0	0	0	0	17	3	0	0	0	0	1	3	24
<b>H/TOT</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>14</b>	<b>106</b>
13:00	0	0	0	0	0	0	0	0	0	21	1	0	0	0	0	0	4	26
13:15	0	0	0	0	0	0	0	0	0	20	3	0	0	0	0	0	2	25
13:30	1	0	0	0	0	0	0	0	1	20	0	0	0	0	0	0	6	26
13:45	1	0	0	0	0	0	0	0	1	15	3	0	0	0	0	0	1	19
<b>H/TOT</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>76</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>96</b>
14:00	0	0	0	0	0	0	0	0	0	14	1	0	0	0	0	1	2	18
14:15	1	0	0	0	0	0	0	0	1	20	1	0	0	0	0	0	9	30
14:30	1	0	0	0	0	0	0	0	1	19	0	0	0	0	0	4	3	26
14:45	0	0	0	0	0	0	0	0	0	27	1	0	0	0	0	1	5	34
<b>H/TOT</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>80</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>19</b>	<b>108</b>
<b>P/TOT</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>301</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>58</b>	<b>390</b>





# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 2

LOCATION: CAR PARK ACCESS / GROVEFIELD WAY / RETAIL PARK ACCESS / HATHERLEY LANE

DATE: 09/07/2016

DAY: SATURDAY

TIME	E - D FROM HATHERLEY LANE (NE) TO HATHERLEY LANE (SE)									E - C FROM HATHERLEY LANE (NE) TO RETAIL PARK ACCESS								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	98	7	0	0	0	0	0	0	105	39	3	0	1	0	0	0	0	43
11:15	94	4	1	0	0	0	0	0	99	47	1	0	0	0	0	0	0	48
11:30	85	6	0	0	0	0	0	0	91	44	1	0	0	0	0	0	0	45
11:45	108	6	0	0	0	0	0	0	114	49	1	0	0	0	0	0	0	50
<b>H/TOT</b>	<b>385</b>	<b>23</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>409</b>	<b>179</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>186</b>
12:00	107	4	0	1	0	1	0	0	113	52	3	0	0	0	0	0	0	55
12:15	108	7	0	0	0	0	0	1	116	46	1	0	0	0	0	0	0	47
12:30	115	3	1	0	0	0	0	0	119	44	3	0	0	0	0	0	0	47
12:45	84	2	1	0	0	0	0	0	87	41	4	0	0	0	1	0	0	46
<b>H/TOT</b>	<b>414</b>	<b>16</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>435</b>	<b>183</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>195</b>
13:00	102	4	0	0	0	0	0	0	106	35	2	0	0	0	0	0	0	37
13:15	94	4	1	0	0	1	0	0	100	32	4	0	0	0	0	0	0	36
13:30	93	3	0	0	0	0	0	0	96	33	4	0	0	0	0	0	0	37
13:45	99	5	0	0	0	0	0	0	104	33	3	1	0	0	0	0	0	37
<b>H/TOT</b>	<b>388</b>	<b>16</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>406</b>	<b>133</b>	<b>13</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>147</b>
14:00	96	1	0	0	0	0	0	0	97	36	5	1	0	0	0	0	0	42
14:15	92	4	1	0	0	1	0	0	98	40	3	0	0	0	0	0	0	43
14:30	87	6	0	0	0	0	0	0	93	40	3	0	0	0	2	0	0	45
14:45	91	5	1	0	0	0	0	0	97	32	1	0	0	0	0	0	0	33
<b>H/TOT</b>	<b>366</b>	<b>16</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>385</b>	<b>148</b>	<b>12</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>163</b>
<b>P/TOT</b>	<b>1553</b>	<b>71</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>1635</b>	<b>643</b>	<b>42</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>691</b>



# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 2

LOCATION: CAR PARK ACCESS / GROVEFIELD WAY / RETAIL PARK ACCESS / HATHERLEY LANE

DATE: 09/07/2016

DAY: SATURDAY

TIME	E - E								
	FROM HATHERLEY LANE (NE) TO HATHERLEY LANE (NE)								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	6	0	0	0	0	0	0	0	6
11:15	2	0	1	0	0	0	0	0	3
11:30	3	0	0	0	0	0	0	0	3
11:45	1	0	0	0	0	0	0	0	1
<b>H/TOT</b>	<b>12</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>
12:00	8	0	0	0	0	0	0	0	8
12:15	6	0	0	0	0	0	0	0	6
12:30	6	1	0	0	0	0	0	0	7
12:45	10	3	0	0	0	0	0	0	13
<b>H/TOT</b>	<b>30</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34</b>
13:00	4	3	0	0	0	0	0	0	7
13:15	9	1	0	0	0	0	0	0	10
13:30	9	0	0	0	0	0	0	0	9
13:45	8	0	0	0	0	0	0	0	8
<b>H/TOT</b>	<b>30</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34</b>
14:00	8	2	0	0	0	0	0	0	10
14:15	6	2	0	0	0	0	0	0	8
14:30	7	0	0	0	0	0	0	0	7
14:45	9	1	0	0	0	1	0	0	11
<b>H/TOT</b>	<b>30</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>36</b>
<b>P/TOT</b>	<b>102</b>	<b>13</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>117</b>



# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 2

LOCATION: CAR PARK ACCESS / GROVEFIELD WAY / RETAIL PARK ACCESS / HATHERLEY LANE

DATE: 09/07/2016

DAY: SATURDAY

TIME	TO ARM A CAR PARK ACCESS									FROM ARM A CAR PARK ACCESS								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	13	0	0	0	0	0	0	0	13	0	0	0	0	1	0	0	0	1
11:15	12	0	0	0	0	0	0	0	12	6	0	0	0	2	0	0	0	8
11:30	7	0	0	0	0	0	0	0	7	3	0	0	0	2	0	0	0	5
11:45	14	0	0	0	0	0	0	0	14	7	0	0	0	1	0	0	0	8
<b>H/TOT</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>46</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22</b>
12:00	9	0	0	0	0	0	0	0	9	4	0	0	0	2	0	0	0	6
12:15	8	1	0	0	0	0	0	0	9	5	1	0	0	1	0	0	0	7
12:30	3	0	0	0	0	0	0	0	3	2	0	0	0	2	0	0	0	4
12:45	7	0	0	0	0	0	0	0	7	7	0	0	0	1	0	0	0	8
<b>H/TOT</b>	<b>27</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28</b>	<b>18</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25</b>
13:00	7	1	0	0	0	0	0	0	8	5	0	0	0	2	0	0	0	7
13:15	5	1	0	0	0	0	0	0	6	7	0	0	0	1	0	0	0	8
13:30	4	0	0	0	0	0	0	0	4	6	0	0	0	2	0	0	0	8
13:45	6	0	0	0	0	0	0	0	6	9	0	0	0	1	0	0	0	10
<b>H/TOT</b>	<b>22</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>33</b>
14:00	8	0	0	0	0	0	0	0	8	5	0	0	0	2	0	0	0	7
14:15	3	0	0	0	0	0	0	0	3	8	0	0	0	1	0	0	0	9
14:30	1	0	0	0	0	0	0	0	1	8	2	0	0	1	0	0	0	11
14:45	4	0	0	0	0	0	0	0	4	16	0	0	0	2	0	0	0	18
<b>H/TOT</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>37</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45</b>
<b>P/TOT</b>	<b>111</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>114</b>	<b>98</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>125</b>

# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 2

LOCATION: CAR PARK ACCESS / GROVEFIELD WAY / RETAIL PARK ACCESS / HATHERLEY LANE

DATE: 09/07/2016

DAY: SATURDAY

TIME	TO ARM B GROVEFIELD WAY									FROM ARM B GROVEFIELD WAY								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	87	8	1	0	0	0	0	0	96	93	9	0	0	0	0	0	0	102
11:15	87	11	0	0	0	0	0	0	98	95	8	0	0	0	0	1	0	104
11:30	112	10	0	0	0	0	0	0	122	78	10	0	0	0	0	0	0	88
11:45	119	5	1	0	0	0	1	0	126	102	9	0	0	0	0	0	0	111
<b>H/TOT</b>	<b>405</b>	<b>34</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>442</b>	<b>368</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>405</b>
12:00	132	9	1	0	0	0	0	0	142	87	6	2	0	0	1	0	0	96
12:15	115	5	0	0	0	0	0	0	120	120	6	0	0	0	0	0	0	126
12:30	108	10	0	0	0	0	1	0	119	100	4	1	0	0	0	0	0	105
12:45	108	6	0	0	0	2	0	0	116	87	7	0	0	0	0	0	0	94
<b>H/TOT</b>	<b>463</b>	<b>30</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>497</b>	<b>394</b>	<b>23</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>421</b>
13:00	120	3	0	0	0	0	0	0	123	91	3	0	0	0	1	0	0	95
13:15	114	9	0	0	0	2	0	0	125	90	7	1	0	0	1	0	0	99
13:30	87	9	0	0	0	2	0	0	98	93	8	0	0	0	2	1	0	104
13:45	107	8	1	0	0	0	0	0	116	81	4	0	0	0	0	0	0	85
<b>H/TOT</b>	<b>428</b>	<b>29</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>462</b>	<b>355</b>	<b>22</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>383</b>
14:00	104	11	0	0	0	2	0	0	117	77	6	0	0	0	0	0	0	83
14:15	99	9	0	0	0	1	0	0	109	87	4	0	0	0	1	0	0	92
14:30	109	11	0	0	0	0	0	0	120	94	2	0	0	0	0	0	0	96
14:45	89	4	0	0	0	0	0	0	93	98	7	0	0	0	0	0	0	105
<b>H/TOT</b>	<b>401</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>439</b>	<b>356</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>376</b>
<b>P/TOT</b>	<b>1697</b>	<b>128</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>2</b>	<b>0</b>	<b>1840</b>	<b>1473</b>	<b>100</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>2</b>	<b>0</b>	<b>1585</b>

# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 2

LOCATION: CAR PARK ACCESS / GROVEFIELD WAY / RETAIL PARK ACCESS / HATHERLEY LANE

DATE: 09/07/2016

DAY: SATURDAY

TIME	TO ARM C RETAIL PARK ACCESS									FROM ARM C RETAIL PARK ACCESS								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	71	7	0	1	0	0	0	1	80	72	11	0	0	0	0	0	2	85
11:15	82	2	0	0	0	0	0	6	90	64	8	0	0	0	0	0	8	80
11:30	69	2	0	0	0	0	0	4	75	68	3	0	0	0	0	1	3	75
11:45	89	3	0	0	0	0	2	1	95	80	2	0	0	0	0	2	6	90
<b>H/TOT</b>	<b>311</b>	<b>14</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>12</b>	<b>340</b>	<b>284</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>19</b>	<b>330</b>
12:00	89	4	0	0	0	1	1	1	96	91	4	0	0	0	0	0	3	98
12:15	89	5	0	0	0	0	0	5	99	89	4	0	0	0	1	0	1	95
12:30	82	5	0	0	0	0	1	5	93	93	5	0	0	0	0	0	5	103
12:45	69	8	0	0	0	1	1	3	82	74	5	0	1	0	0	0	4	84
<b>H/TOT</b>	<b>329</b>	<b>22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>14</b>	<b>370</b>	<b>347</b>	<b>18</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>13</b>	<b>380</b>
13:00	69	3	0	0	0	1	0	4	77	79	5	0	0	0	0	1	4	89
13:15	69	10	0	0	0	0	0	2	81	74	2	0	0	0	0	1	1	78
13:30	69	7	0	0	0	0	0	6	82	65	11	0	0	0	1	0	4	81
13:45	68	6	1	0	0	0	0	1	76	72	4	0	0	0	0	0	0	76
<b>H/TOT</b>	<b>275</b>	<b>26</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>13</b>	<b>316</b>	<b>290</b>	<b>22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>9</b>	<b>324</b>
14:00	65	7	1	0	0	0	1	2	76	70	13	0	0	0	0	2	3	88
14:15	77	5	0	0	0	0	0	9	91	57	4	1	0	0	0	2	6	70
14:30	78	3	0	0	0	2	4	3	90	74	4	0	0	0	0	1	0	79
14:45	80	5	0	0	0	0	1	5	91	82	6	0	0	0	2	0	11	101
<b>H/TOT</b>	<b>300</b>	<b>20</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>19</b>	<b>348</b>	<b>283</b>	<b>27</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>20</b>	<b>338</b>
<b>P/TOT</b>	<b>1215</b>	<b>82</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>11</b>	<b>58</b>	<b>1374</b>	<b>1204</b>	<b>91</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>10</b>	<b>61</b>	<b>1372</b>

# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 2

LOCATION: CAR PARK ACCESS / GROVEFIELD WAY / RETAIL PARK ACCESS / HATHERLEY LANE

DATE: 09/07/2016

DAY: SATURDAY

TIME	TO ARM D HATHERLEY LANE (SE)									FROM ARM D HATHERLEY LANE (SE)								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	138	11	0	0	0	0	0	1	150	123	5	0	0	0	0	0	1	129
11:15	137	7	1	0	0	0	0	8	153	120	11	0	0	0	1	0	6	138
11:30	122	7	0	0	0	0	1	3	133	137	5	0	0	0	0	0	4	146
11:45	153	6	0	0	0	0	2	6	167	125	8	1	0	0	0	2	1	137
<b>H/TOT</b>	<b>550</b>	<b>31</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>18</b>	<b>603</b>	<b>505</b>	<b>29</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>12</b>	<b>550</b>
12:00	149	4	0	1	0	1	0	3	158	162	11	0	0	0	0	1	1	175
12:15	154	7	0	0	0	0	0	2	163	141	5	0	0	0	0	0	5	151
12:30	163	5	1	0	0	0	0	5	174	129	3	0	0	0	0	2	7	141
12:45	122	6	1	0	0	0	0	4	133	133	8	0	1	0	0	1	3	146
<b>H/TOT</b>	<b>588</b>	<b>22</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>14</b>	<b>628</b>	<b>565</b>	<b>27</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>16</b>	<b>613</b>
13:00	139	7	0	0	0	0	1	2	149	136	4	0	0	0	0	0	4	144
13:15	131	5	1	0	0	1	1	1	140	118	8	1	0	0	1	0	2	130
13:30	118	7	0	0	0	1	0	4	130	138	6	0	0	0	1	0	6	151
13:45	126	5	0	0	0	0	0	0	131	118	5	2	0	0	0	0	1	126
<b>H/TOT</b>	<b>514</b>	<b>24</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>7</b>	<b>550</b>	<b>510</b>	<b>23</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>13</b>	<b>551</b>
14:00	122	1	0	0	0	0	2	3	128	134	6	1	0	0	0	2	2	145
14:15	121	4	1	0	0	1	2	6	135	96	3	0	0	0	0	0	9	108
14:30	123	8	0	0	0	0	1	0	132	116	8	0	0	0	1	4	3	132
14:45	141	9	1	0	0	1	0	11	163	114	3	0	0	0	0	1	5	123
<b>H/TOT</b>	<b>507</b>	<b>22</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>20</b>	<b>558</b>	<b>460</b>	<b>20</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>7</b>	<b>19</b>	<b>508</b>
<b>P/TOT</b>	<b>2159</b>	<b>99</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>59</b>	<b>2339</b>	<b>2040</b>	<b>99</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>13</b>	<b>60</b>	<b>2222</b>

# MANUAL CLASSIFIED COUNTS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 2

LOCATION: CAR PARK ACCESS / GROVEFIELD WAY / RETAIL PARK ACCESS / HATHERLEY LANE

DATE: 09/07/2016

DAY: SATURDAY

TIME	TO ARM E HATHERLEY LANE (NE)									FROM ARM E HATHERLEY LANE (NE)								
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	PED	TOT
11:00	179	14	0	0	1	0	0	1	195	200	15	1	1	0	0	0	0	217
11:15	174	17	1	0	2	1	1	0	196	207	10	2	0	0	0	0	0	219
11:30	169	14	0	0	2	0	0	0	185	193	15	0	0	0	0	0	0	208
11:45	173	14	1	0	1	0	0	0	189	234	9	1	0	0	0	1	0	245
<b>H/TOT</b>	<b>695</b>	<b>59</b>	<b>2</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>765</b>	<b>834</b>	<b>49</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>889</b>
12:00	208	15	2	0	2	0	0	0	227	243	11	1	1	0	1	0	0	257
12:15	216	9	0	0	1	1	0	0	227	227	11	0	0	0	0	0	1	239
12:30	200	7	1	0	2	0	0	2	212	232	15	1	0	0	0	0	0	248
12:45	190	14	0	2	1	0	0	0	207	195	14	1	0	0	3	0	0	213
<b>H/TOT</b>	<b>814</b>	<b>45</b>	<b>3</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>873</b>	<b>897</b>	<b>51</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>957</b>
13:00	191	10	0	0	2	0	0	2	205	215	12	0	0	0	0	0	0	227
13:15	175	10	2	0	1	2	0	0	190	205	18	1	0	0	3	0	0	227
13:30	207	12	0	0	2	1	1	0	223	183	10	0	0	0	0	0	0	193
13:45	181	8	2	0	1	0	0	0	192	208	14	2	0	0	0	0	0	224
<b>H/TOT</b>	<b>754</b>	<b>40</b>	<b>4</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>810</b>	<b>811</b>	<b>54</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>871</b>
14:00	187	19	1	0	2	0	1	0	210	200	13	1	0	0	2	0	0	216
14:15	148	9	1	0	1	1	0	0	160	200	16	1	0	0	2	0	0	219
14:30	181	11	0	0	1	1	0	0	194	200	17	0	0	0	2	0	0	219
14:45	179	8	0	0	2	2	0	0	191	183	10	1	0	0	1	0	0	195
<b>H/TOT</b>	<b>695</b>	<b>47</b>	<b>2</b>	<b>0</b>	<b>6</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>755</b>	<b>783</b>	<b>56</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>849</b>
<b>P/TOT</b>	<b>2958</b>	<b>191</b>	<b>11</b>	<b>2</b>	<b>24</b>	<b>9</b>	<b>3</b>	<b>5</b>	<b>3203</b>	<b>3325</b>	<b>210</b>	<b>13</b>	<b>2</b>	<b>0</b>	<b>14</b>	<b>1</b>	<b>1</b>	<b>3566</b>

For and on behalf of:



CHELTENHAM

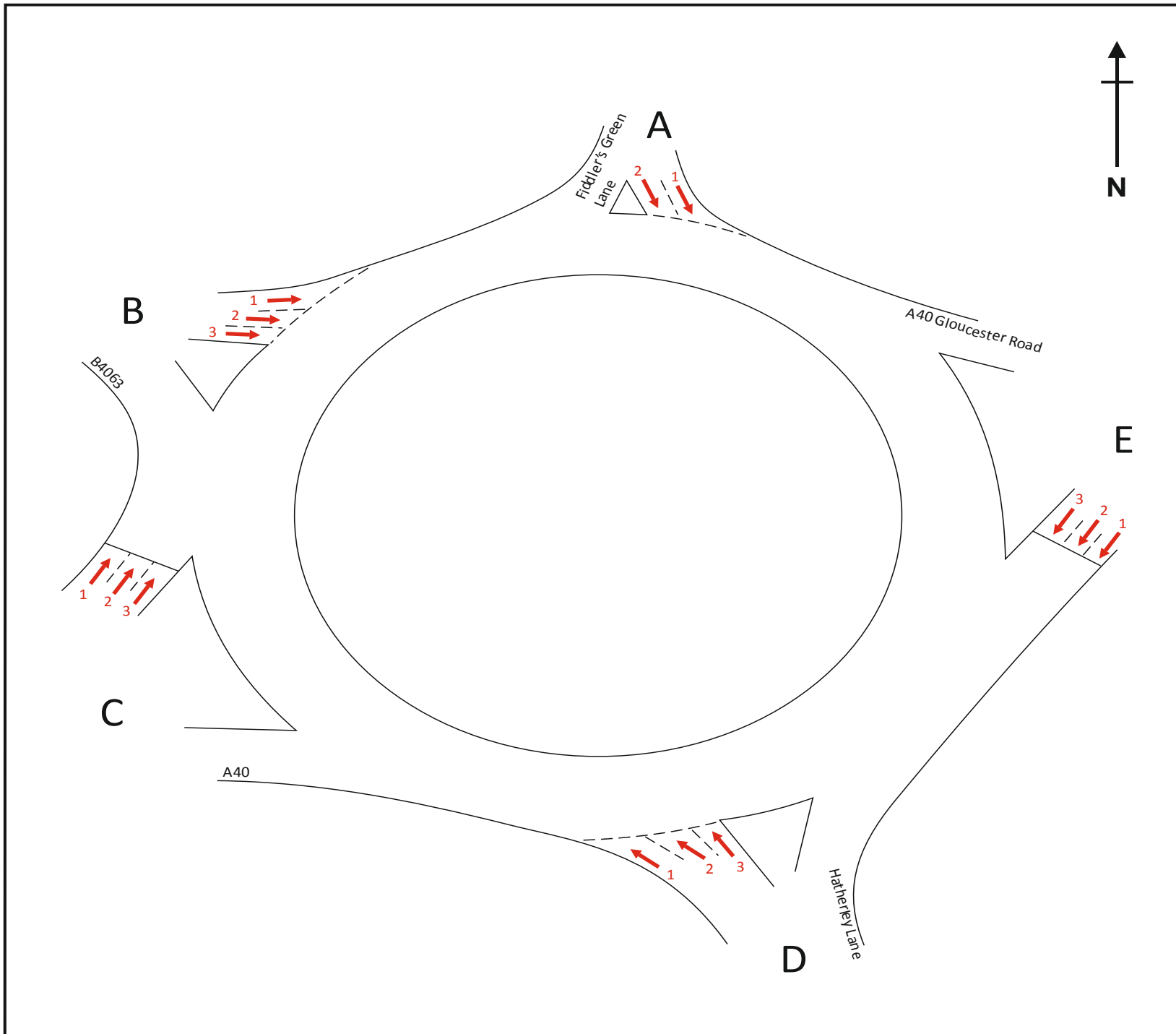
Saturday 09 July 2016

1100-1500

Drawing N°: 20535 - 01

Site: 1 - QUEUE LENGTHS

Location: Fiddler's Green Lane /  
B4063 /  
A40 /  
Hatherley Lane /  
A40 Gloucester Road



For and on behalf of:



CHELTENHAM

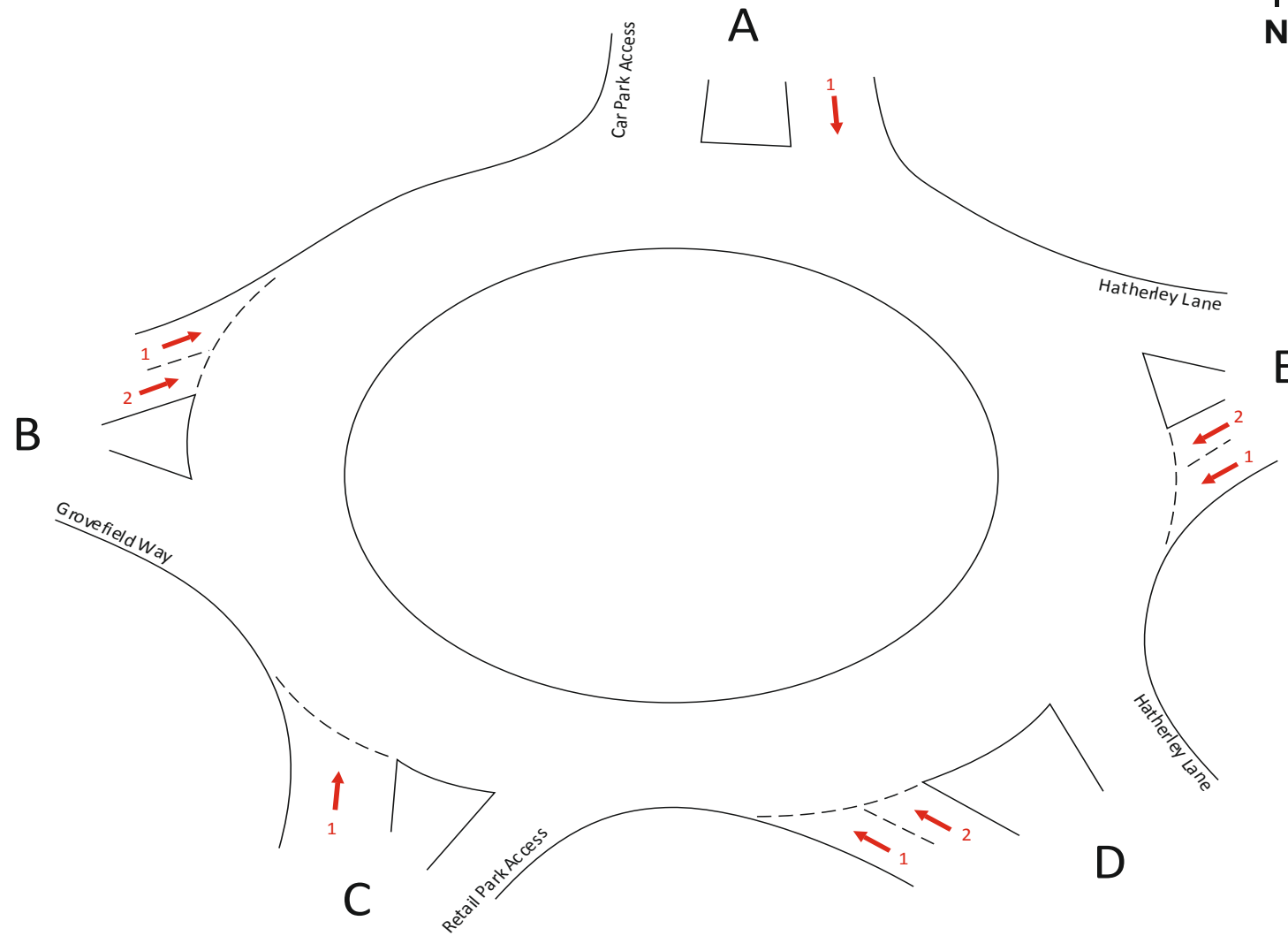
Saturday 09 July 2016

1100-1500

Drawing N<sup>o</sup>: 20535 - 02

Site: 2 - QUEUE LENGTHS

Location: Car Park Access /  
Grovefield Way /  
Retail Park Access /  
Hatherley Lane



# QUEUE LENGTHS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 1

DATE: 09/07/2016

LOCATION: FIDDLER'S GREEN LANE / B4063 / A40 / HATHERLEY LANE / A40 GLOUCESTER RC DAY: SATURDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane  
'+' represents where queue stretched out of sight

TIME	ARM A FIDDLER'S GREEN LN		ARM B B4063			ARM C A40			ARM D HATHERLEY LN			ARM E A40 GLOUCESTER RD		
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 3	LANE 1	LANE 2	LANE 3	LANE 1	LANE 2	LANE 3	LANE 1	LANE 2	LANE 3
11:00	2	0	3	0	0	9	1	3	1	3	0	6	1	2
11:05	2	0	2	0	5	2	4	4	6	5	2	3	2	1
11:10	2	0	1	0	1	4	5	2	4	6	1	7	7	2
11:15	0	2	1	0	2	3	4	2	4	1	1	4	3	1
11:20	0	0	2	0	1	4	5	1	2	2	1	7	5	1
11:25	2	1	0	2	3	8	6	2	1	5	2	7	5	2
11:30	1	0	2	0	1	8	6	3	1	4	2	2	2	3
11:35	3	0	1	0	2	6	4	1	1	10	0	8	8	2
11:40	0	0	2	2	2	3	5	2	2	6	0	7	3	2
11:45	2	0	2	0	1	5	3	2	1	4	2	3	3	2
11:50	3	0	3	0	2	6	9	1	2	2	2	4	3	1
11:55	0	2	1	3	0	2	4	3	2	2	0	7	4	1
12:00	5	0	0	1	1	5	3	1	3	10	1	6	3	1
12:05	2	0	2	2	0	3	3	5	3	11	1	10+	10+	0
12:10	3	0	2	1	1	3	4	3	3	5	3	10+	5	1
12:15	0	0	3	0	1	8	2	1	1	13+	0	10+	10+	1
12:20	0	0	1	1	2	4	3	3	11+	8	2	10+	10+	4
12:25	2	0	3	1	0	9	9	3	4	8	1	6	5	0
12:30	1	2	2	1	0	10	10	2	2	2	2	10+	3	2
12:35	0	0	1	0	3	9	2	2	3	10	0	7	5	2
12:40	3	0	2	0	2	6	2	2	4	7	0	10+	10+	0
12:45	1	1	1	1	0	5	2	4	9	2	3	7	3	4
12:50	0	0	2	1	2	5	1	1	4	3	0	6	6	1
12:55	2	3	3	0	1	6	1	2	4	2	1	7	6	1



# QUEUE LENGTHS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 1

DATE: 09/07/2016

LOCATION: FIDDLER'S GREEN LANE / B4063 / A40 / HATHERLEY LANE / A40 GLOUCESTER RC DAY: SATURDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane  
'+' represents where queue stretched out of sight

TIME	ARM A FIDDLER'S GREEN LN		ARM B B4063			ARM C A40			ARM D HATHERLEY LN			ARM E A40 GLOUCESTER RD		
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 3	LANE 1	LANE 2	LANE 3	LANE 1	LANE 2	LANE 3	LANE 1	LANE 2	LANE 3
13:00	3	0	1	0	2	5	4	2	1	13+	1	8	1	2
13:05	0	0	2	0	2	6	3	3	6	6	2	10+	10+	0
13:10	2	1	0	1	1	4	4	3	1	7	8	7	5	1
13:15	0	0	0	0	4	7	6	1	2	4	0	10+	2	1
13:20	0	0	1	0	2	7	5	1	2	4	1	8	6	2
13:25	0	0	2	1	0	4	7	1	3	4	2	8	4	0
13:30	3	0	2	0	5	8	3	1	5	2	5	10	4	2
13:35	0	0	0	1	1	5	2	4	6	2	0	7	6	2
13:40	3	0	1	1	0	5	2	6	2	1	3	4	4	3
13:45	0	0	1	1	0	7	5	2	1	6	0	7	3	2
13:50	0	0	1	0	1	5	4	2	3	3	2	10+	10+	2
13:55	0	0	2	2	0	7	7	5	4	3	0	5	1	4
14:00	0	0	0	0	2	4	3	1	5	2	1	6	1	1
14:05	3	0	1	0	1	5	4	1	6	2	2	7	6	0
14:10	0	0	2	0	1	5	2	3	3	1	1	7	4	3
14:15	0	0	2	2	0	6	4	2	3	3	1	8	6	1
14:20	0	0	0	2	0	5	1	2	4	3	1	7	2	2
14:25	0	2	2	0	0	7	6	1	1	6	2	6	6	1
14:30	2	1	2	0	2	3	2	1	1	2	1	6	1	1
14:35	0	0	0	1	1	4	3	1	4	5	1	7	2	0
14:40	0	1	4	0	2	5	2	2	1	6	2	5	7	1
14:45	0	0	2	0	1	5	3	1	2	3	1	7	2	1
14:50	2	0	3	1	0	6	2	3	3	2	1	5	2	1
14:55	2	1	1	0	1	2	3	4	2	5	2	7	3	0
15:00	0	1	0	0	0	4	3	1	0	0	0	0	0	0

# QUEUE LENGTHS



JOB REF: 20535

JOB NAME: CHELTENHAM

SITE: 2

DATE: 09/07/2016

LOCATION: CAR PARK ACCESS / GROVEFIELD WAY / RETAIL PARK ACCESS / HATHERLEY I DAY: SATURDAY

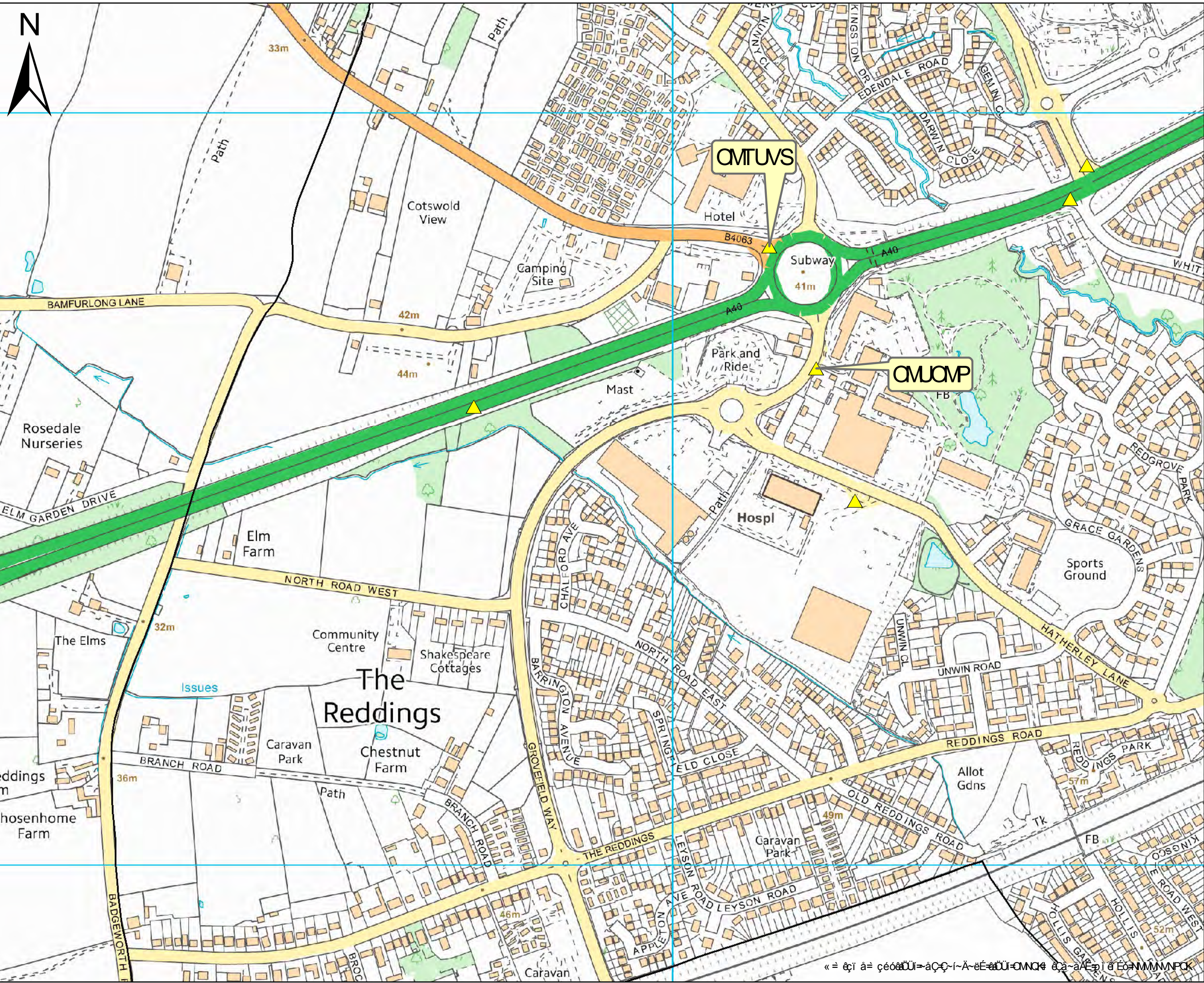
NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A	ARM B		ARM C	ARM D		ARM E	
	CAR PARK	GROVEFIELD WAY		RETAIL PARK	HATHERLEY LN (SE)		HATHERLEY LN (NE)	
	LANE 1	LANE 1	LANE 2	LANE 1	LANE 1	LANE 2	LANE 1	LANE 2
11:00	1	0	4	3	0	2	0	0
11:05	0	1	2	3	1	3	1	1
11:10	0	2	0	3	1	4	0	0
11:15	1	3	0	2	2	0	0	0
11:20	0	1	1	3	0	2	0	0
11:25	1	6	0	3	1	2	2	1
11:30	0	2	0	3	3	2	0	0
11:35	0	1	1	3	1	4	0	0
11:40	0	0	5	3	1	1	0	0
11:45	1	1	2	3	1	0	2	0
11:50	0	1	5	2	2	3	0	0
11:55	0	2	0	3	2	2	0	1
12:00	1	6	0	2	3	2	3	1
12:05	1	2	0	3	2	2	0	0
12:10	1	2	1	3	2	3	0	2
12:15	1	1	2	3	2	3	1	3
12:20	1	5	0	3	2	2	1	0
12:25	1	3	2	3	1	3	2	0
12:30	0	2	1	3	1	4	0	0
12:35	1	2	5	3	1	3	0	0
12:40	0	1	1	3	1	1	0	0
12:45	1	2	0	2	0	4	0	0
12:50	0	2	1	3	2	3	0	2
12:55	0	1	1	3	1	2	2	0



# APPENDIX C





**Collision Plan Site:**

d ēçî ÉÑÉÇ òÍ  
 ÜÉáÉáÜ-á I  
 d āçî ÁÉíÉÉÜáÉ

**Data Range:**

g~áí ~ó=ÖMP=J  
 a ÉÁÉá ÁÉ=ÖMP

**Date Produced:**

NQMRQMNQ

**Collision Plan Key**

- ★ c~í~ä
- pÉçî ë
- ▲ pãÜÜ

**Drawn by:** g\* ÉááÖÉé

**Team:** ^ fm

**Scale:** NQQUQ

qÜá= á ~é= á= ééççí ÁÉÇ= Ñçá = Éç= Á-éÇ= íéçáF= í éçá-áÁÉ= píá Éó= á ~íÉçá-í áÜ= íÜÉ= éÉá áéçá= çÑ í éçá-áÁÉ= píá Éó= çá= ÁÉÜ-á çÑ íÜÉ= Áçáíç=áÉ= çÑ éÉ= j ~áéíóá= pí-íçáÉó= í ÑÁÉ= K «= : éçî á= 'çéóáÜ= ~áÇ= Ç-í-Á-éÉ= áÜ= ÖMÑ= í éçá-áÁÉ= píá Éó= NMMNPNQ< r á-í íÜçéÇ= ééççí Áçá=áÑáÇÉ= éçî á=ÁçéóáÜ= ~áÇ= á ~ó=é-Ç=íç=éç=éÉÁ íçá=ç=Áá á éç=ÁÉÇáÇ=çíçÜá= áÑçá ~íçá= á= éçí áÇÇ= Áó= d āçî ÁÉíÉÉÜáÉ= ' çí áíó= ' çí áÁá=ÉÜÉ= ' çí áÁá=á=ÇçÇ=ÑáÜK= qÜÉ= ' çí áÁá= ÇçÉ= áçí= á ~áÉ= ~áó= ééÉÉÉÁí-íçá=ç=ç-í ~é-áíç=çÑ-áó= ááçí=éñéééç=á= áÉÇ=á=é=íçá=íç= ~áç=ç=áó=é=á=çÑíÜÉ=íáÑçá ~íçá=áÇ= ~áí ~é-áíç=áÇ=éééÉÁí-íçá=é= ÜÉÉÁó= ÉñÁ ÇÉÇ= íç= íÜÉ= ÑáÉí= ÉñíÉáí= éÉá áíÉÇ= Áó= áí K qÜÉ= íáÑçá ~íçá= ÇçÉ= áçí= Áçáíáí íÉ= ~Çí=áÉ= ~áÇ= ÉÜçí ç= áçí= ÁÉ= éÉáÇ= íéçá= á= á ~ááÇí= ç= éñé=ááÇ= Ñçá = á ~ááÇí= ~áó= ÇÉÁçáK çç=íÜÉ=ÑáÉí=ÉñíÉáí=éÉá áíÉÇ=Áó=áí í= íÜÉ= çí áÁá=ÜÉÉÁó=ÇáÁá=é=á=á=Ááó= ÉÜçí éçí Éé=ááÇ=á=ÁçááÉÁçá=í áÜ= ~áó=áé=áÇç=ç=á ~Çí=éááÇ=çí í= çÑç=á=ÁçááÉÁçá=í áÜ= ~áó=í=é=çÑ ç= ééá=áÉ= çá= íÜÉ= íáÑçá ~íçáí= ç= ~áó= ~Áçá=í-áÉá= éç= éñé=áÉÇ=Ñçá = ÁÉáÇ=í-áÉáF=é=é=é=í=çÑ=á=í=éÉK qÜá= áÑçá ~íçá= á= Áçá=éÉÇ= Ñçá = Ç-í-Á-éÉ=é=í=íÜÉ=Ç=íÉ=çÑéçÇ=íçáK qÜÉ=Ç-í-á=éí=ÁÉÁí=ç=ÁÜ-áÇÉ=í=áó= éçáí=á=íÜÉ=íí=éí=é=é=é=áçÑá=çÉ= ~Áí=é-íÉ=áÑçá ~íçá=ÁÉçá=áÇ=í=á=ÁÉK

í í í Kç=ç=ñíó.Ççí=ÁÉíÉÉÜáÉççÖÇá



«= éçî á= çéóáÜ=áÇÇ-í-Á-éÉ=áÜ=ÖMÑK éçá-áÁÉ=í=éÉó=NMMNPNQK



RTA2480 Detailed Collision Report

Compiled from an original report by Gloucestershire County Council

Accident Investigation and Prevention Section

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Database as at 14-MAY-14

Collisions within GLOUCESTERSHIRE

For period 01-JAN-2013 TO 31-DEC-2013

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DETAILED COLLISION REPORT

Ref	207896	Severity	SLIGHT
Day	WEDNESDAY	Date	19 JUN 2013
Light	DAYLIGHT	Weather	FINE
Grid ref	391129 221822	Major rd	B 4063
Control	G WAY/UNCONTROLLED	Junction	ROUNDABOUT
Lighting	LIGHTS	Condition	NONE
UNIFI Ref	A/001860/13	Type	QR
		Time	0900
		Surface	DRY
		Minor rd	A 40
		Speed lim	40
		C'way	SINGLE CWAY
		Hazard	NONE

LOCATION

GLOUCESTER ROAD, CHELTENHAM, GLOUCESTERSHIRE (FROM STAVERTON)

DESCRIPTION

V2 SLOWED DOWN FOR ROUNDABOUT AND HAS BEEN HIT IN THE REAR BY V1

VEHICLE DETAILS

No	Type	Manoeuvre	From-to	Driver Age
1	Car	GO AHEAD OTHER	W E	45
2	Car	GO AHEAD OTHER	W E	51

CASUALTY DETAILS

No	Severity	Casualty Age	Veh	Further Details
1	SLIGHT	51	2	DRIVER

DETAILED COLLISION REPORT

Ref	208203	Severity	SLIGHT
Day	TUESDAY	Date	08 OCT 2013
Light	DAYLIGHT	Weather	FINE
Grid ref	391191 221660	Major rd	3 372
Control		Junction	PRIVATE
Lighting	LIGHTS	Condition	NONE
UNIFI Ref	A/003196/13	Type	C
		Time	1650
		Surface	DRY
		Minor rd	
		Speed lim	30
		C'way	SINGLE CWAY
		Hazard	NONE

LOCATION

HATHERLEY LANE CHELTENHAM GLOUCESTERSHIRE (OUTSIDE 6 REDGROVE COTTAGES)

DESCRIPTION

V1 EDGEING OUT OF DRIVEWAY, CYCLIST CONTINUED BEYOND END OF CYCLE LANE ON PAVEMENT FROM DRIVERS NEARSIDE AND HAD CYCLED INTO V1.

VEHICLE DETAILS

No	Type	Manoeuvre	From-to	Driver Age
1	Car	GO AHEAD OTHER	SE NW	70
2	Pedal Cycle	GO AHEAD OTHER	SW NE	17

CASUALTY DETAILS

No	Severity	Casualty Age	Veh	Further Details
1	SLIGHT	17	2	DRIVER



**Collision Plan Site:**

d eç i ÈVÉÇT ~0l  
` UÉaÉaÜ-a l  
d ç i AÉaÉÉÜaÉ

**Data Range:**

g-ai ~éó=QMP=J  
a ÉAÉa AÉÉ=QMR

**Date Produced:**

MTKMTKQVNS

**Collision Plan Key**

- ★ c-i-a
- pÉçp i é
- ▲ paÜÜ

**Drawn by:** gk ÉaáçCÉÉ

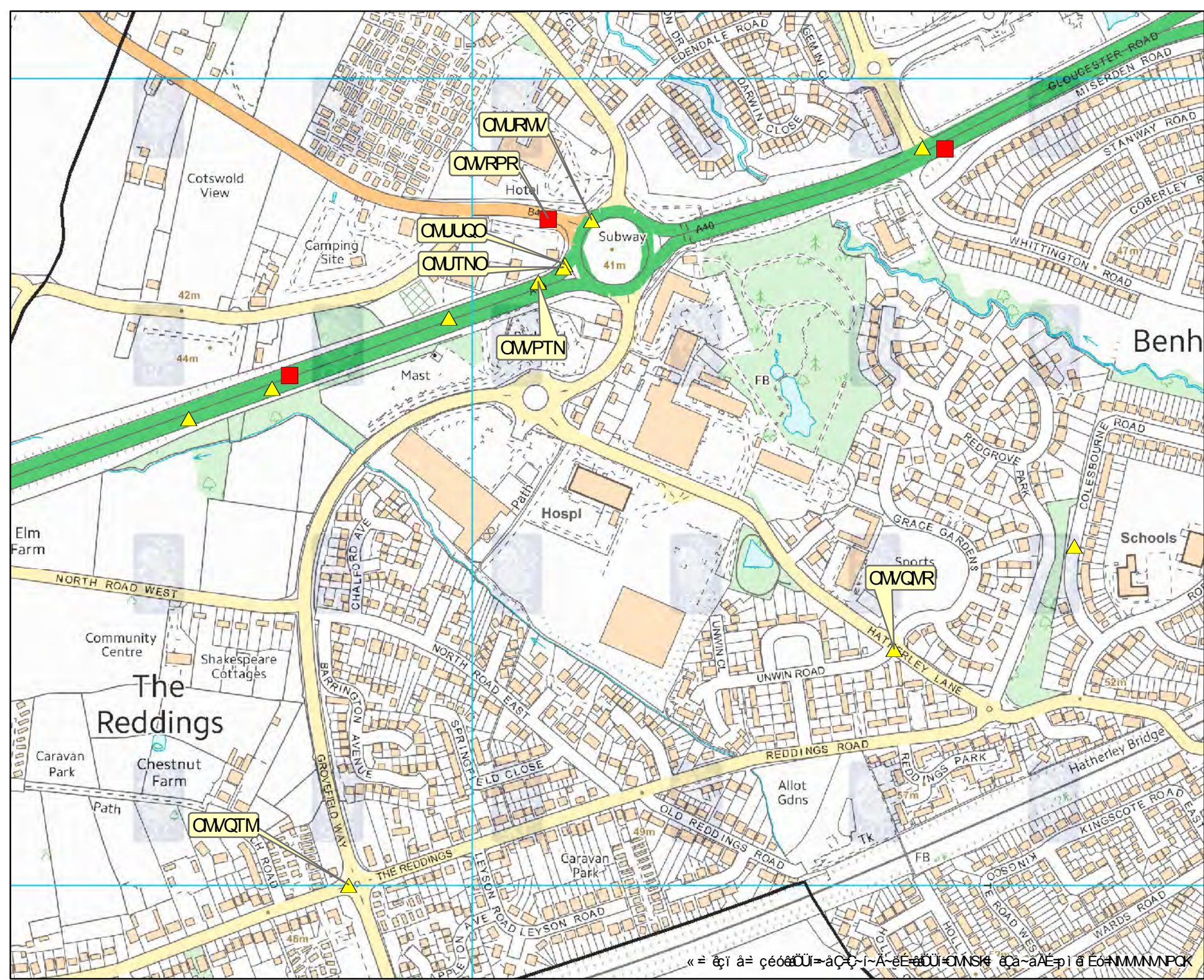
**Team:** ^ fm

**Scale:** NRIUGR

qÜÉ= a ~é= æ= éÉÉçQ AÉÇ= Nçá= ÉçÉ= A-éÉÇ= l éçA= l éçA-aAÉ= p i é Éó= a ~lÉÉ=ç i aÜ= lÜÉ= éÉÉÉ ÉÉçá= çNé l éçA-aAÉ= p i é Éó= çá= AÉÜ=ç çNé lÜÉ= AçáÉçáÉç çNé e Éé= j ~æçóÉ= p i-íçáÉÉ= l NWE=

« = éç i a= çéóáÜ= aÇÇ= i-A-éÉáÜ=QVNSK çá~aAÉ= p i é Éó=MMMNPNQK

www.roadafety-glooucestershire.org.uk



« = éç i a= çéóáÜ= aÇÇ= i-A-éÉáÜ=QVNSK çá~aAÉ= p i é Éó=MMMNPNQK



RTA2480 Detailed Collision Report

Compiled from an original report by Gloucestershire County Council  
Accident Investigation and Prevention Section

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Database as at 07-JUL-16

Collisions within GLOUCESTERSHIRE

For period 01-JAN-2014 TO 31-DEC-2015

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DETAILED COLLISION REPORT

Ref	208509	Severity	SLIGHT
Day	WEDNESDAY	Date	19 FEB 2014
Light	DARKNESS	Weather	FINE
Grid ref	391148 221825	Major rd	A 40
Control	G WAY/UNCONTROLLED	Junction	ROUNDABOUT
Lighting	LIGHTS LIT	Condition	NONE
UNIFI Ref	A/000595/14	Type	ZG
		Time	0610
		Surface	WET
		Minor rd	B 4063
		Speed lim	40
		C'way	ROUNDABOUT
		Hazard	NONE

LOCATION

A40 ARLE COURT CHELTENHAM GLOUCESTERSHIRE (AT THE ROUNDABOUT)

DESCRIPTION

VEHICLE HAS PULLED OUT OF OLD GLOUCESTER ROAD INTO THE PATH OF A MOTORCYCLE, THE CYCLE HAD TO TAKE EVASIVE ACTION AND FELL OFF.

VEHICLE DETAILS

No	Type	Manoeuvre	From-to	Driver Age
1	Van up to 3.5 T mgw	GO AHEAD OTHER	E W	19
2	M'cycle over 500cc	GO AHEAD OTHER	SW NE	40

CASUALTY DETAILS

No	Severity	Casualty Age	Veh	Further Details
1	SLIGHT	40	2	DRIVER

DETAILED COLLISION REPORT

Ref	208712	Severity	SLIGHT
Day	FRIDAY	Date	06 JUN 2014
Light	DAYLIGHT	Weather	FINE
Grid ref	391113 221766	Major rd	A 40
Control	AUTO SIGNALS	Junction	ROUNDABOUT
Lighting	LIGHTS	Condition	NONE
UNIFI Ref	A/001814/14	Type	QR
		Time	0845
		Surface	DRY
		Minor rd	A 40
		Speed lim	40
		C'way	DUAL CWAY
		Hazard	NONE

LOCATION

GOLDEN VALLEY BYPASS, CHELTENHAM, GLOUCESTERSHIRE

DESCRIPTION

V2 STATIONARY AT THE RED TRAFFIC LIGHT WHEN V1 HIT V2 IN THE REAR

VEHICLE DETAILS

No	Type	Manoeuvre	From-to	Driver Age
1	Car	STARTING	W E	29
2	Car	WAIT GO AHEAD	W E	20

CASUALTY DETAILS

No	Severity	Casualty Age	Veh	Further Details
1	SLIGHT	20	2	DRIVER

DETAILED COLLISION REPORT

Ref	208842	Severity	SLIGHT
Day	SATURDAY	Date	12 JUL 2014
Light	DAYLIGHT	Weather	FINE
Grid ref	391115 221770	Major rd	A 40
Control	G WAY/UNCONTROLLED	Junction	ROUNDABOUT
Lighting	LIGHTS	Condition	NONE
UNIFI Ref	A/001959/14	Type	Q
		Time	1835
		Surface	DRY
		Minor rd	B 4063
		Speed lim	40
		C'way	DUAL CWAY
		Hazard	NONE

LOCATION

GOLDEN VALLEY BYPASS CHELTENHAM GLOUCESTERSHIRE

DESCRIPTION

V1 & V2 WERE APPROACHING R/ABOUT. BOTH HAVE SLOWED DOWN V2 THEN STOPPED AND V1 HAS COLLIDED WITH THE REAR OF V2

VEHICLE DETAILS

No	Type	Manoeuvre	From-to	Driver Age
1	Car	STOPPING	SW NE	54
2	Car	STOPPING	SW NE	32

CASUALTY DETAILS

No	Severity	Casualty Age	Veh	Further Details
1	SLIGHT	14	2	PASSENGER
2	SLIGHT	32	2	DRIVER

DETAILED COLLISION REPORT

Ref	209405	Severity	SLIGHT		
Day	THURSDAY	Date	05 FEB 2015	Time	1730
Light	DAYLIGHT	Weather	FINE	Surface	WET
Grid ref	391523 221293	Major rd	3 9036	Minor rd	4 90993
Control	G WAY/UNCONTROLLED	Junction	ROUNDABOUT	Speed lim	30
Lighting	LIGHTS	Condition	NONE	C'way	ROUNDABOUT
UNIFI Ref	A/1941/15	Type	CG	Hazard	NONE

LOCATION

JUNCTION HATHERLY LANE AND UNWIN ROAD, CHELTENHAM

DESCRIPTION

DRIVER OF V1 HAS FAILED TO NOTICE CYCLE TURNING RIGHT ON ROUNDABOUT. V1 PULLED ONTO ROUNDABOUT AND COLLIDED WITH CYCLE

VEHICLE DETAILS

No	Type	Manoeuvre	From-to	Driver Age
1	Car	GO AHEAD OTHER	SE NW	24
2	Pedal Cycle	TURNING RIGHT	NW SW	43

CASUALTY DETAILS

No	Severity	Casualty Age	Veh	Further Details
1	SLIGHT	43	2	DRIVER

DETAILED COLLISION REPORT

Ref	209371	Severity	SLIGHT		
Day	THURSDAY	Date	19 FEB 2015	Time	0830
Light	DAYLIGHT	Weather	FINE	Surface	DRY
Grid ref	391082 221748	Major rd	A 40	Minor rd	
Control		Junction	NOT WITHIN 20M	Speed lim	70
Lighting	LIGHTS	Condition	NONE	C'way	DUAL CWAY
UNIFI Ref	A/916/15	Type	Q	Hazard	NONE

LOCATION

A40, GOLDEN VALLEY, CHELTENHAM

DESCRIPTION

V2 WAS APPROACHING THE TRAFFIC LIGHT CONTROLLED ROUNDABOUT TOWARDS GALLAGHER RETAIL PARK IN LEFT HAND LANE IN A QUEUE OF TRAFFIC, TRAFFIC SLOWED TO SUDDEN STOP AND V1 BEHIND RAN INTO THE REAR

VEHICLE DETAILS

No	Type	Manoeuvre	From-to	Driver Age
1	Car	GO AHEAD OTHER	W E	50
2	Car	WAIT GO AHEAD	W E	33

CASUALTY DETAILS

No	Severity	Casualty Age	Veh	Further Details
1	SLIGHT	50	1	DRIVER

DETAILED COLLISION REPORT

Ref	209535	Severity	SERIOUS		
Day	WEDNESDAY	Date	22 APR 2015	Time	0822
Light	DAYLIGHT	Weather	FINE	Surface	DRY
Grid ref	391094 221827	Major rd	B 4063	Minor rd	
Control		Junction	NOT WITHIN 20M	Speed lim	50
Lighting	LIGHTS	Condition	NONE	C'way	SINGLE CWAY
UNIFI Ref	A/1716/15	Type	CX	Hazard	NONE

LOCATION

B4063 GLOUCESTER ROAD NEAR JUNCTION WITH A40 GLOUCESTER ROAD CHELTENHAM

DESCRIPTION

V1 ( CYCLIST ) HAS PULLED OUT BETWEEN A LINE OF STATIONARY TRAFFIC INTO THE PATH OF AN ON COMING CAR.

VEHICLE DETAILS

No	Type	Manoeuvre	From-to	Driver Age
1	Pedal Cycle	GO AHEAD OTHER	N S	35
2	Car	GO AHEAD OTHER	E W	42

CASUALTY DETAILS

No	Severity	Casualty Age	Veh	Further Details
1	SERIOUS	35	1	DRIVER



DETAILED COLLISION REPORT

Ref	209470	Severity	SLIGHT		
Day	TUESDAY	Date	05 MAY 2015	Time	0931
Light	DAYLIGHT	Weather	FINE	Surface	WET
Grid ref	390847 221001	Major rd	3 372	Minor rd	4 90999
Control	G WAY/UNCONTROLLED	Junction	ROUNDABOUT	Speed lim	30
Lighting	LIGHTS	Condition	NONE	C'way	ROUNDABOUT
UNIFI Ref	A/1361/15	Type	GR	Hazard	NONE

LOCATION

GROVEFIELD WAY AT JUNCTION WITH THE REDDINGS CHELTENHAM

DESCRIPTION

V1 APPROACHED ROUNDABOUT ON GROVEFIELD WAY WITH THE REDDINGS HEADING TOWARDS CHELTENHAM V2 CAME ONTO THE ROUNDABOUT FROM THE REDDINGS AND V1 COLLIDED WITH V2 ON THE ROUNDABOUT

VEHICLE DETAILS

No	Type	Manoeuvre	From-to	Driver Age
1	Car	GO AHEAD OTHER	SE NW	48
2	Car	GO AHEAD OTHER	SW NE	54

CASUALTY DETAILS

No	Severity	Casualty Age	Veh	Further Details
1	SLIGHT	48	1	DRIVER

# APPENDIX D

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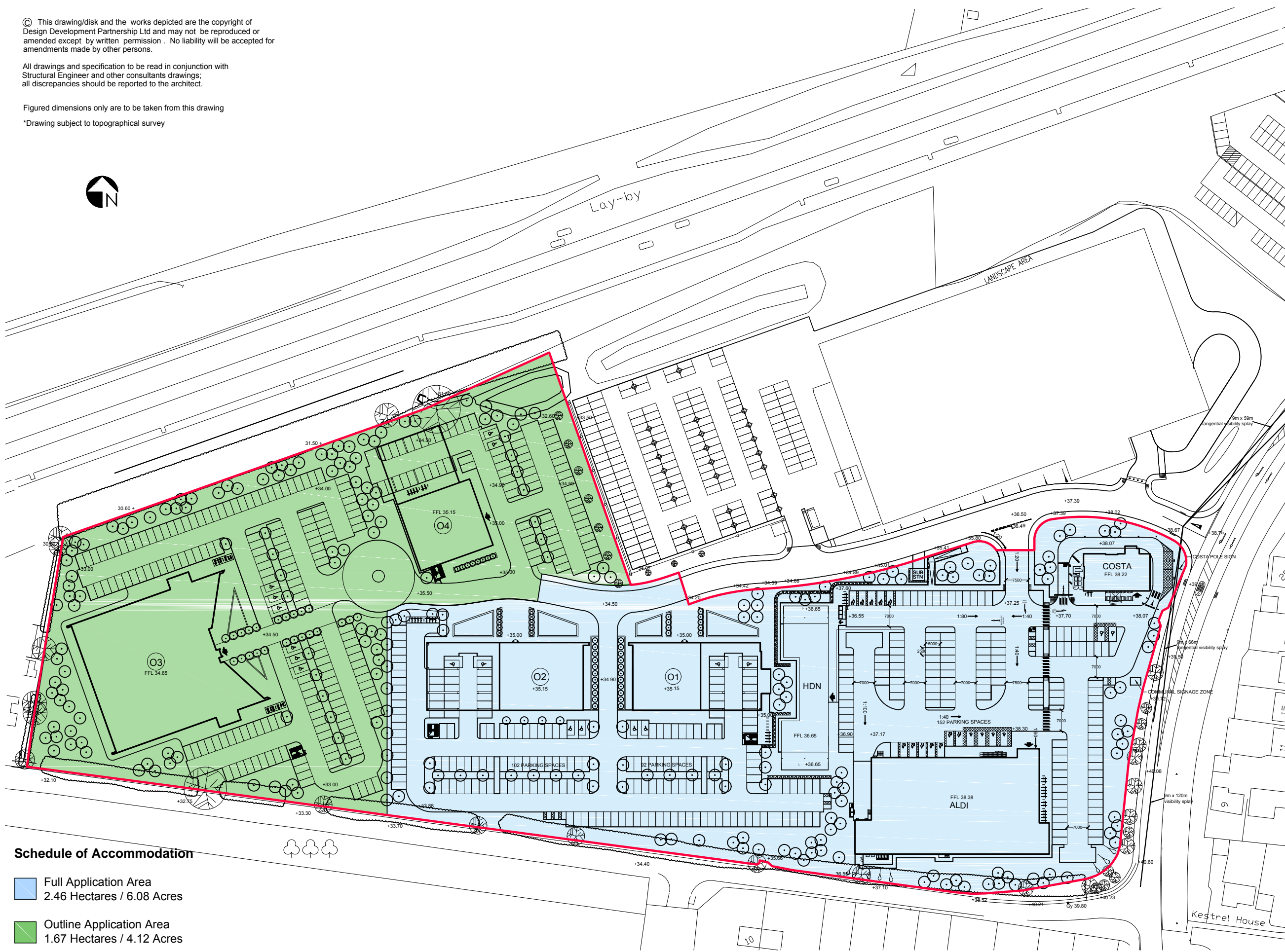


Preliminary  Comment  Planning

Tender  Construction  Record

Legal

REVISIONS			
REV	DATE	DESCRIPTION	CHECKED BY
A	31.05.16	-REVISED JUNCTION PLACEMENT. -REVISED CARPARKING LAYOUT.	D.W
B	14.07.16	-REVISED PARKING LAYOUT. -PEDESTRIAN LINKS ADDED.	D.W
C	18.07.16	-REVISED COSTA COFFEE LAYOUT -REVISED PARKING LAYOUT.	D.W
D	29.07.16	-INTERIOR FLOOR PLANS REMOVED.	D.W
E	31.08.16	-EXTERIOR BIN STORE ADDED TO COSTA COFFEE.	LT
F	01.08.16	-ALDI & HDN UNIT REPOSITIONED.	D.W
G	08.09.16	-COMMUNAL SIGNAGE ZONE LABELED.	LT
H	16.09.16	-MINOR SITE WIDE AMENDMENTS. - SCHEDULE OF ACCOMMODATION AMENDED.	D.W
J	05.10.16	-UPDATED SITE LEVELS -CYCLE / MOTORCYCLE PARKING ADDED. HDN BIN STORE ADDED.	D.W
K	17.11.16	-MINOR SITE WIDE AMENDMENTS INCLUDING RECONFIGURATION OF OUTLINE APPLICATION SITE. -OFFICE PLAZAS ADDED. -RETAINING STRUCTURES IDENTIFIED.	D.W
L	23.11.16	-MINOR SITE WIDE AMENDMENTS INCLUDING RETAINING STRUCTURES/ PARKING CONFIGURATION.	D.W
M	23.11.16	-UPDATED LEVELS. -UPDATED PRESENTATION STYLE.	D.W



CLIENT **HG HINTON GROUP**

PROJECT Phase 2  
Corinthian Park  
Grovefield Way  
Cheltenham

TITLE Proposed Phase 2 Master Plan

SCALE @ A3 1:1250 DATE 27-05-16

DRAWING 178-36 REV M

DRAWN BY R.D CHECKED BY D.W



ARCHITECTURE + PLANNING + PRINCIPAL DESIGNER

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F: 01527 878 207  
E: mail@ddpdesign.co.uk  
W: www.hintongroup.co.uk

**Schedule of Accommodation**

- Full Application Area  
2.46 Hectares / 6.08 Acres
- Outline Application Area  
1.67 Hectares / 4.12 Acres

Costa GIA : 2,200 sq ft / 204.4 sq m  
Aldi GIA : 18,740 sq ft / 1741 sq m  
HDN GIA : 5,404 sq ft / 502 sq m  
Office 1 GIA : 24,530 sq ft / 2,279 sq m  
Office 2 GIA : 29,650 sq ft / 2755 sq m  
Office 3 GIA : 66,470 sq ft / 6176 sq m  
Office 4 GIA : 20,000 sq ft / 1858 sq m  
Total Parking : 346 spaces

# APPENDIX E

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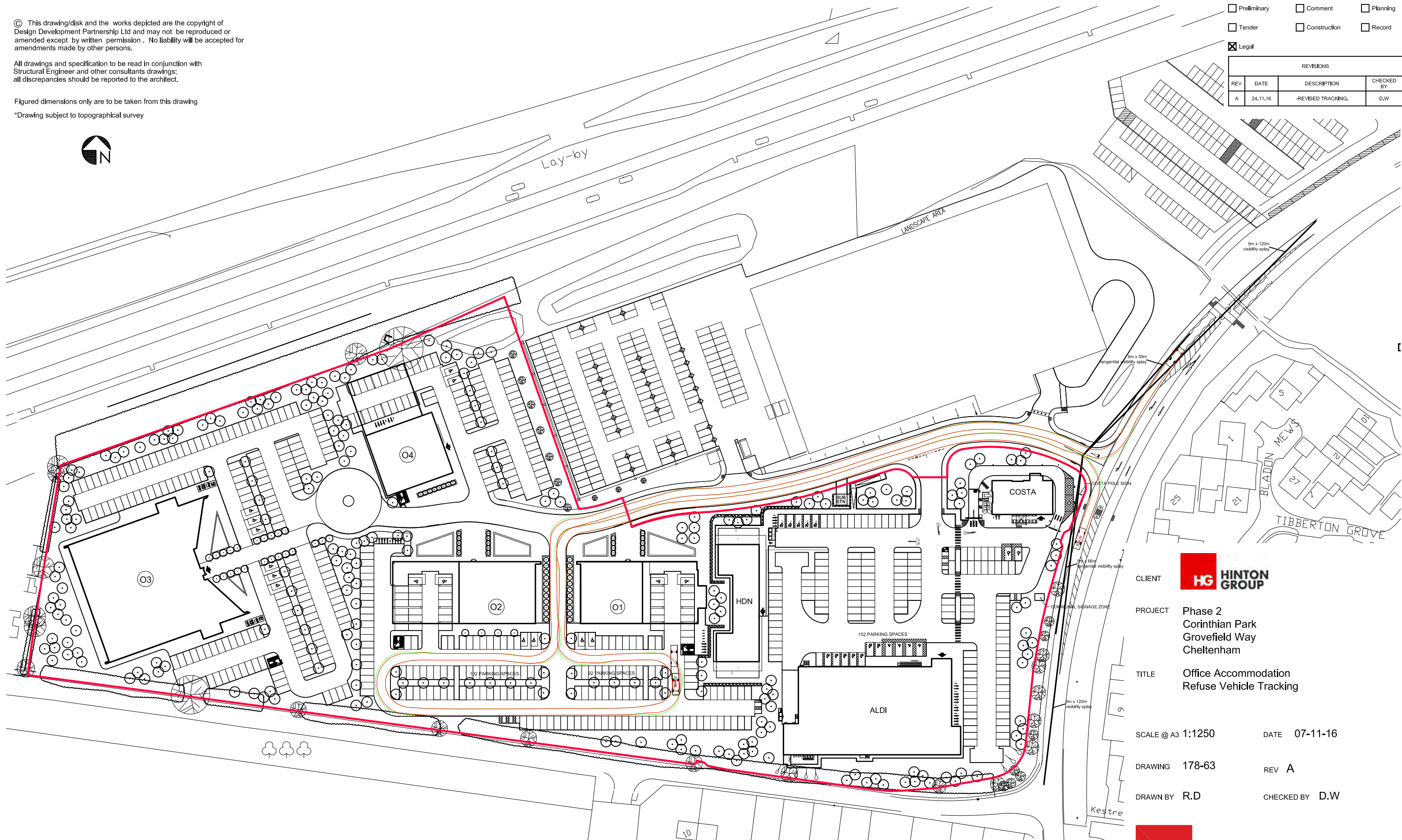
\*Drawing subject to topographical survey



- Preliminary
- Comment
- Planning
- Tender
- Construction
- Record

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REVISIONS			
REV	DATE	DESCRIPTION	CHECKED BY
A	24.11.16	-REVISED TRACKING.	D.W



CLIENT **HG HINTON GROUP**

PROJECT Phase 2  
Corinthian Park  
Grovefield Way  
Cheltenham

TITLE Office Accommodation  
Refuse Vehicle Tracking

SCALE @ A3 1:1250      DATE 07-11-16

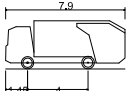
DRAWING 178-63      REV A

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DB32 Refuse Vehicle  
 Overall Length 7.900m  
 Overall Width 2.400m  
 Overall Body Height 3.183m  
 Min Body Ground Clearance 0.388m  
 Max Track Width 2.400m  
 Lock to lock time 6.20s  
 Kerb to Kerb Turning Radius 9.625m



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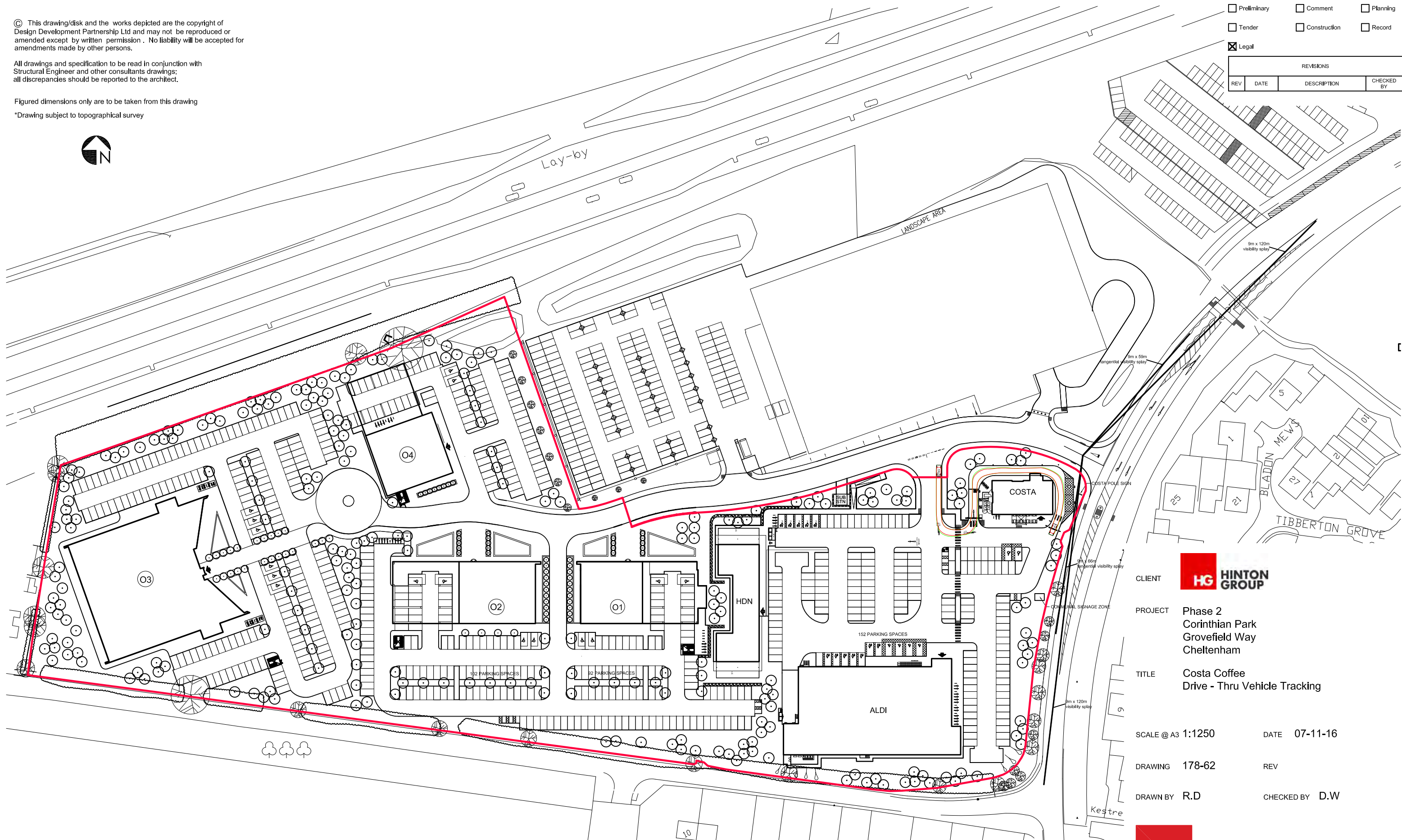
\*Drawing subject to topographical survey



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REVISIONS			
REV	DATE	DESCRIPTION	CHECKED BY



CLIENT **HG HINTON GROUP**

PROJECT Phase 2  
Corinthian Park  
Grovefield Way  
Cheltenham

TITLE Costa Coffee  
Drive - Thru Vehicle Tracking

SCALE @ A3 1:1250 DATE 07-11-16

DRAWING 178-62 REV

DRAWN BY R.D CHECKED BY D.W



ARCHITECTURE + PLANNING + PRINCIPAL DESIGNER



Standard Design Vehicle (SDV)  
 Overall Length 4,800m  
 Overall Width 2,000m  
 Overall Body Height 1,950m  
 Min Body Ground Clearance 0,100m  
 Track Width 2,000m  
 Lock to lock time 4,20s  
 Wall to Wall Turning Radius 6,000m

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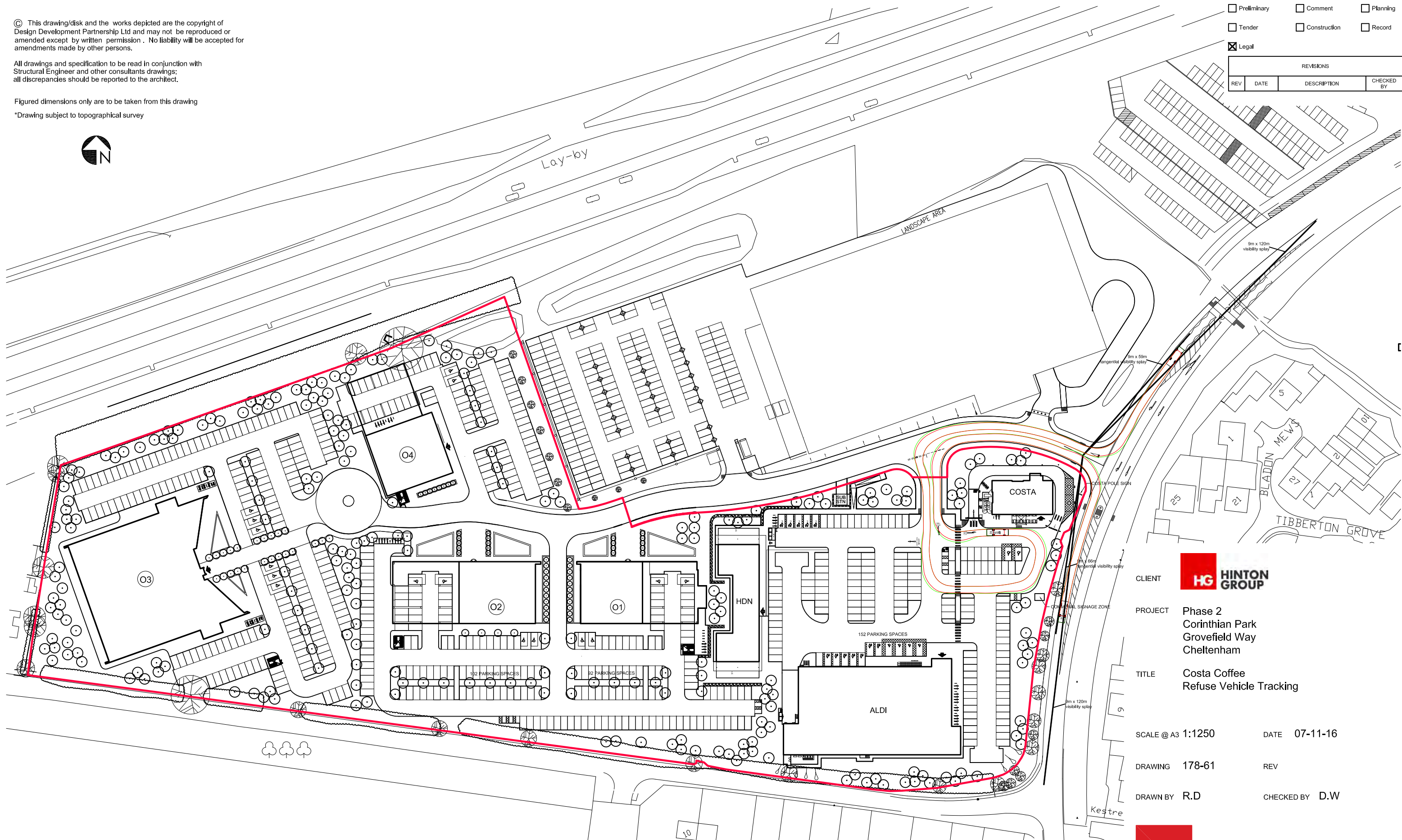
\*Drawing subject to topographical survey



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- Comment
- Planning
- Tender
- Construction
- Record

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REVISIONS			
REV	DATE	DESCRIPTION	CHECKED BY



CLIENT **HG HINTON GROUP**

PROJECT Phase 2  
Corinthian Park  
Grovefield Way  
Cheltenham

TITLE Costa Coffee  
Refuse Vehicle Tracking

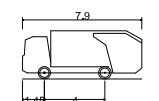
SCALE @ A3 1:1250      DATE 07-11-16

DRAWING 178-61      REV

DRAWN BY R.D      CHECKED BY D.W



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DB32 Refuse Vehicle  
Overall Length 7.900m  
Overall Width 2.400m  
Overall Body Height 3.183m  
Min Body Ground Clearance 0.388m  
Max Track Width 2.400m  
Lock to lock line 6.40m  
Kerb to Kerb Turning Radius 9.625m

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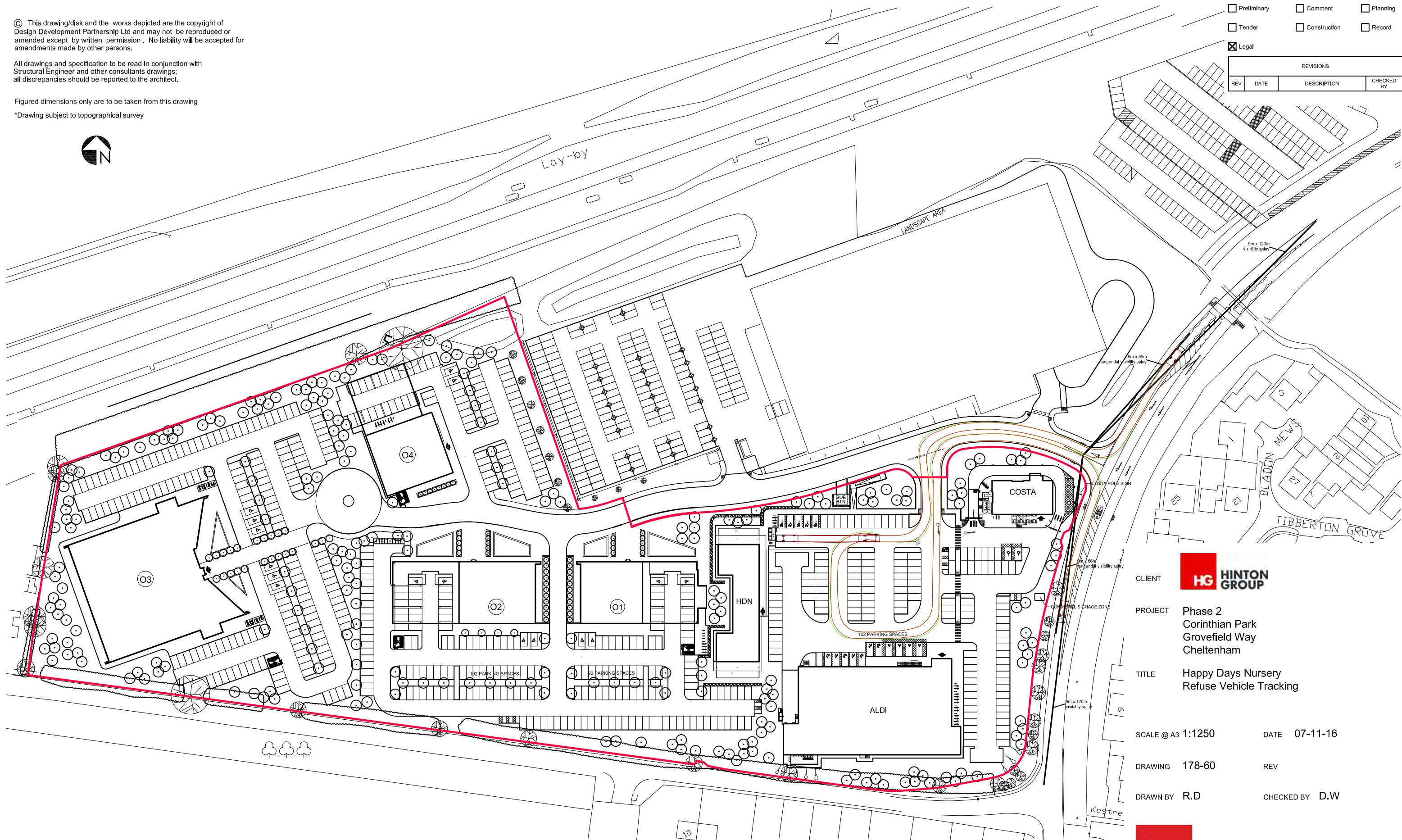
\*Drawing subject to topographical survey



- Preliminary
- Comment
- Planning
- Tender
- Construction
- Record

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REVISIONS			
REV	DATE	DESCRIPTION	CHECKED BY



CLIENT **HG HINTON GROUP**

PROJECT Phase 2  
Corinthian Park  
Grovefield Way  
Cheltenham

TITLE Happy Days Nursery  
Refuse Vehicle Tracking

SCALE @ A3 1:1250 DATE 07-11-16

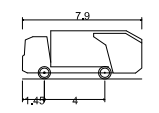
DRAWING 178-60 REV

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DB32 Refuse Vehicle  
Overall Length 7.900m  
Overall Width 2.400m  
Overall Body Height 3.183m  
Min Body Ground Clearance 0.388m  
Max Track Width 2.400m  
Lock to lock line 6.40m  
Kerb to Kerb Turning Radius 9.625m



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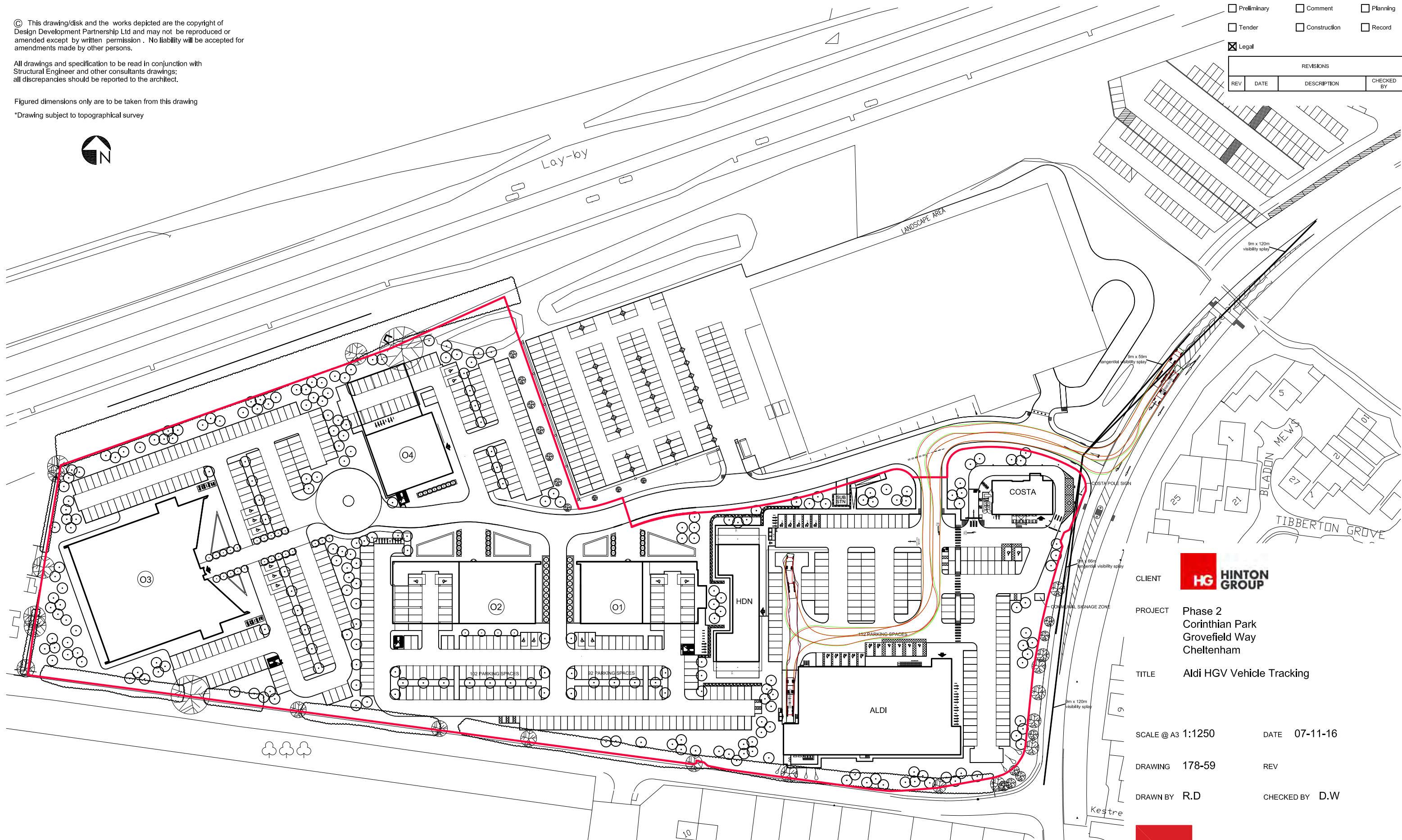
\*Drawing subject to topographical survey



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- Comment
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REVISIONS			
REV	DATE	DESCRIPTION	CHECKED BY



CLIENT **HG HINTON GROUP**

PROJECT Phase 2  
Corinthian Park  
Grovefield Way  
Cheltenham

TITLE Aldi HGV Vehicle Tracking

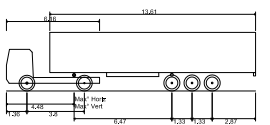
SCALE @ A3 1:1250 DATE 07-11-16

DRAWING 178-59 REV

DRAWN BY R.D CHECKED BY D.W



ARCHITECTURE + PLANNING + PRINCIPAL DESIGNER



FTA Design Articulated Vehicle (1998)  
 Overall Length 16.480m  
 Overall Width 2.550m  
 Overall Body Height 3.270m  
 Min Body Ground Clearance 0.215m  
 Max Track Width 2.470m  
 Lock to lock time 3.40s  
 Kerb to Kerb Turning Radius 6.550m

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# APPENDIX F

Calculation Reference: AUDIT-219601-160927-0953

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT

Category : A - OFFICE

## VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	1 days
	SC SURREY	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	WY WEST YORKSHIRE	1 days
08	NORTH WEST	
	LC LANCASHIRE	1 days
09	NORTH	
	DH DURHAM	2 days
	TW TYNE & WEAR	3 days

This section displays the number of survey days per TRICS® sub-region in the selected set

## Filtering Stage 2 selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Gross floor area  
 Actual Range: 186 to 6483 (units: sqm)  
 Range Selected by User: 186 to 20000 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/08 to 26/11/15

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Tuesday	6 days
Wednesday	1 days
Thursday	3 days
Friday	1 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	11 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	7
Edge of Town	4

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Industrial Zone	2
Commercial Zone	3
Residential Zone	5
Built-Up Zone	1

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Filtering Stage 3 selection:

Use Class:

B1 11 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

1,001 to 5,000	1 days
5,001 to 10,000	4 days
10,001 to 15,000	2 days
15,001 to 20,000	1 days
20,001 to 25,000	1 days
25,001 to 50,000	2 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

75,001 to 100,000	2 days
100,001 to 125,000	1 days
125,001 to 250,000	3 days
250,001 to 500,000	3 days
500,001 or More	2 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.5 or Less	1 days
0.6 to 1.0	6 days
1.1 to 1.5	4 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No 11 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

LIST OF SITES relevant to selection parameters

1	CA-02-A-04 BRETTON WAY	OFFICE		CAMBRIDGESHIRE
	PETERBOROUGH Edge of Town Commercial Zone			
	Total Gross floor area:	6483 sqm		
	Survey date: THURSDAY	20/10/11		Survey Type: MANUAL
2	DH-02-A-01 BRINKBURN ROAD	RPMI OFFICES		DURHAM
	DARLINGTON Suburban Area (PPS6 Out of Centre) Residential Zone			
	Total Gross floor area:	3372 sqm		
	Survey date: FRIDAY	05/11/10		Survey Type: MANUAL
3	DH-02-A-02 DURHAM ROAD	CONSTRUCTION COMPANY		DURHAM
	BOWBURN NEAR DURHAM Edge of Town Industrial Zone			
	Total Gross floor area:	2000 sqm		
	Survey date: TUESDAY	27/11/12		Survey Type: MANUAL
4	ES-02-A-09 THE SIDINGS	HOUSING COMPANY		EAST SUSSEX
	ORE VALLEY HASTINGS Suburban Area (PPS6 Out of Centre) Residential Zone			
	Total Gross floor area:	186 sqm		
	Survey date: WEDNESDAY	19/12/12		Survey Type: MANUAL
5	LC-02-A-09 FURTHERGATE	OFFICES		LANCASHIRE
	BLACKBURN Suburban Area (PPS6 Out of Centre) Built-Up Zone			
	Total Gross floor area:	2600 sqm		
	Survey date: TUESDAY	04/06/13		Survey Type: MANUAL
6	SC-02-A-15 BOXGROVE ROAD	ACCOUNTANTS		SURREY
	GUILDFORD Suburban Area (PPS6 Out of Centre) Residential Zone			
	Total Gross floor area:	1896 sqm		
	Survey date: TUESDAY	05/10/10		Survey Type: MANUAL
7	TW-02-A-03 KINGFISHER BOULEVARD	DEVELOPMENT AGENCY		TYNE & WEAR
	LEMINGTON NEWCASTLE UPON TYNE Edge of Town Commercial Zone			
	Total Gross floor area:	6480 sqm		
	Survey date: THURSDAY	11/12/08		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	TW-02-A-04	HOUSING CO.		TYNE & WEAR
	EARLSWAY			
	TEAM VALLEY TRAD. EST.			
	GATESHEAD			
	Edge of Town			
	Industrial Zone			
	Total Gross floor area:		2500 sqm	
	Survey date: TUESDAY		29/09/09	Survey Type: MANUAL
9	TW-02-A-05	TELEVISION CO.		TYNE & WEAR
	DELTA BANK ROAD			
	METRO RIVERSIDE PARK			
	GATESHEAD			
	Suburban Area (PPS6 Out of Centre)			
	Commercial Zone			
	Total Gross floor area:		1500 sqm	
	Survey date: TUESDAY		29/09/09	Survey Type: MANUAL
10	WM-02-A-04	OFFICE		WEST MIDLANDS
	BOURNVILLE LANE			
	BIRMINGHAM			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:		1800 sqm	
	Survey date: TUESDAY		10/11/15	Survey Type: MANUAL
11	WY-02-A-03	OFFICE		WEST YORKSHIRE
	VICTORIA ROAD			
	HEADINGLEY			
	LEEDS			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:		2696 sqm	
	Survey date: THURSDAY		17/06/10	Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE  
VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	11	2865	0.768	11	2865	0.102	11	2865	0.870
08:00 - 09:00	11	2865	2.031	11	2865	0.254	11	2865	2.285
09:00 - 10:00	11	2865	1.174	11	2865	0.374	11	2865	1.548
10:00 - 11:00	11	2865	0.454	11	2865	0.324	11	2865	0.778
11:00 - 12:00	11	2865	0.301	11	2865	0.340	11	2865	0.641
12:00 - 13:00	11	2865	0.498	11	2865	0.657	11	2865	1.155
13:00 - 14:00	11	2865	0.657	11	2865	0.530	11	2865	1.187
14:00 - 15:00	11	2865	0.454	11	2865	0.444	11	2865	0.898
15:00 - 16:00	11	2865	0.244	11	2865	0.447	11	2865	0.691
16:00 - 17:00	11	2865	0.276	11	2865	1.276	11	2865	1.552
17:00 - 18:00	11	2865	0.171	11	2865	1.752	11	2865	1.923
18:00 - 19:00	11	2865	0.051	11	2865	0.558	11	2865	0.609
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>7.079</b>			<b>7.058</b>			<b>14.137</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 186 - 6483 (units: sqm)  
 Survey date range: 01/01/08 - 26/11/15  
 Number of weekdays (Monday-Friday): 11  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

TAXIS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	11	2865	0.022	11	2865	0.022	11	2865	0.044
08:00 - 09:00	11	2865	0.022	11	2865	0.022	11	2865	0.044
09:00 - 10:00	11	2865	0.041	11	2865	0.038	11	2865	0.079
10:00 - 11:00	11	2865	0.010	11	2865	0.016	11	2865	0.026
11:00 - 12:00	11	2865	0.019	11	2865	0.019	11	2865	0.038
12:00 - 13:00	11	2865	0.003	11	2865	0.003	11	2865	0.006
13:00 - 14:00	11	2865	0.016	11	2865	0.013	11	2865	0.029
14:00 - 15:00	11	2865	0.013	11	2865	0.013	11	2865	0.026
15:00 - 16:00	11	2865	0.019	11	2865	0.016	11	2865	0.035
16:00 - 17:00	11	2865	0.003	11	2865	0.010	11	2865	0.013
17:00 - 18:00	11	2865	0.022	11	2865	0.022	11	2865	0.044
18:00 - 19:00	11	2865	0.003	11	2865	0.003	11	2865	0.006
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>0.193</b>			<b>0.197</b>			<b>0.390</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected:	186 - 6483 (units: sqm)
Survey date date range:	01/01/08 - 26/11/15
Number of weekdays (Monday-Friday):	11
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.



TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE  
 OGVS  
 Calculation factor: 100 sqm  
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	11	2865	0.003	11	2865	0.000	11	2865	0.003
08:00 - 09:00	11	2865	0.003	11	2865	0.003	11	2865	0.006
09:00 - 10:00	11	2865	0.006	11	2865	0.010	11	2865	0.016
10:00 - 11:00	11	2865	0.010	11	2865	0.010	11	2865	0.020
11:00 - 12:00	11	2865	0.016	11	2865	0.013	11	2865	0.029
12:00 - 13:00	11	2865	0.003	11	2865	0.006	11	2865	0.009
13:00 - 14:00	11	2865	0.006	11	2865	0.006	11	2865	0.012
14:00 - 15:00	11	2865	0.006	11	2865	0.003	11	2865	0.009
15:00 - 16:00	11	2865	0.000	11	2865	0.003	11	2865	0.003
16:00 - 17:00	11	2865	0.003	11	2865	0.003	11	2865	0.006
17:00 - 18:00	11	2865	0.000	11	2865	0.000	11	2865	0.000
18:00 - 19:00	11	2865	0.003	11	2865	0.000	11	2865	0.003
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			0.059			0.057			0.116

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 186 - 6483 (units: sqm)  
 Survey date date range: 01/01/08 - 26/11/15  
 Number of weekdays (Monday-Friday): 11  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE  
 PSVS  
 Calculation factor: 100 sqm  
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	11	2865	0.006	11	2865	0.006	11	2865	0.012
08:00 - 09:00	11	2865	0.016	11	2865	0.006	11	2865	0.022
09:00 - 10:00	11	2865	0.006	11	2865	0.006	11	2865	0.012
10:00 - 11:00	11	2865	0.006	11	2865	0.006	11	2865	0.012
11:00 - 12:00	11	2865	0.006	11	2865	0.006	11	2865	0.012
12:00 - 13:00	11	2865	0.006	11	2865	0.006	11	2865	0.012
13:00 - 14:00	11	2865	0.006	11	2865	0.006	11	2865	0.012
14:00 - 15:00	11	2865	0.006	11	2865	0.006	11	2865	0.012
15:00 - 16:00	11	2865	0.006	11	2865	0.006	11	2865	0.012
16:00 - 17:00	11	2865	0.006	11	2865	0.006	11	2865	0.012
17:00 - 18:00	11	2865	0.003	11	2865	0.006	11	2865	0.009
18:00 - 19:00	11	2865	0.003	11	2865	0.006	11	2865	0.009
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>0.076</b>			<b>0.072</b>			<b>0.148</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 186 - 6483 (units: sqm)  
 Survey date date range: 01/01/08 - 26/11/15  
 Number of weekdays (Monday-Friday): 11  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE  
CYCLISTS  
Calculation factor: 100 sqm  
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	11	2865	0.003	11	2865	0.000	11	2865	0.003
08:00 - 09:00	11	2865	0.019	11	2865	0.000	11	2865	0.019
09:00 - 10:00	11	2865	0.006	11	2865	0.000	11	2865	0.006
10:00 - 11:00	11	2865	0.000	11	2865	0.000	11	2865	0.000
11:00 - 12:00	11	2865	0.000	11	2865	0.000	11	2865	0.000
12:00 - 13:00	11	2865	0.000	11	2865	0.000	11	2865	0.000
13:00 - 14:00	11	2865	0.000	11	2865	0.000	11	2865	0.000
14:00 - 15:00	11	2865	0.000	11	2865	0.000	11	2865	0.000
15:00 - 16:00	11	2865	0.000	11	2865	0.000	11	2865	0.000
16:00 - 17:00	11	2865	0.003	11	2865	0.016	11	2865	0.019
17:00 - 18:00	11	2865	0.000	11	2865	0.010	11	2865	0.010
18:00 - 19:00	11	2865	0.000	11	2865	0.006	11	2865	0.006
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>0.031</b>			<b>0.032</b>			<b>0.063</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 186 - 6483 (units: sqm)  
 Survey date date range: 01/01/08 - 26/11/15  
 Number of weekdays (Monday-Friday): 11  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Calculation Reference: AUDIT-219601-160822-0819

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL  
 Category : C - DISCOUNT FOOD STORES  
 VEHICLES

Selected regions and areas:

02	SOUTH EAST ES EAST SUSSEX	1 days
03	SOUTH WEST DC DORSET	1 days
05	EAST MIDLANDS NR NORTHAMPTONSHIRE	1 days
06	WEST MIDLANDS SH SHROPSHIRE	1 days
08	NORTH WEST MS MERSEYSIDE	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

## Filtering Stage 2 selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Gross floor area  
 Actual Range: 1165 to 1900 (units: sqm)  
 Range Selected by User: 700 to 1900 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/00 to 19/10/15

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Tuesday	2 days
Wednesday	2 days
Thursday	1 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	5 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	4
Edge of Town	1

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Industrial Zone	1
Commercial Zone	1
Residential Zone	1
Built-Up Zone	1
No Sub Category	1

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Filtering Stage 3 selection:

Use Class:

A1	5 days
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This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

10,001 to 15,000	2 days
20,001 to 25,000	1 days
25,001 to 50,000	2 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

50,001 to 75,000	1 days
75,001 to 100,000	1 days
100,001 to 125,000	1 days
250,001 to 500,000	1 days
500,001 or More	1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	2 days
1.1 to 1.5	3 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Petrol filling station:

Included in the survey count	0 days
Excluded from count or no filling station	5 days

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

Travel Plan:

Not Known	1 days
No	4 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

LIST OF SITES relevant to selection parameters

1	DC-01-C-02	LIDL		DORSET
	POOLE ROAD			
	BRANKSOME			
	BOURNEMOUTH			
	Suburban Area (PPS6 Out of Centre)			
	Commercial Zone			
	Total Gross floor area:		1334 sqm	
	Survey date: TUESDAY		15/07/08	Survey Type: MANUAL
2	ES-01-C-01	ALDI		EAST SUSSEX
	LONDON ROAD			
	BEXHILL			
	Suburban Area (PPS6 Out of Centre)			
	Built-Up Zone			
	Total Gross floor area:		1222 sqm	
	Survey date: THURSDAY		04/10/01	Survey Type: MANUAL
3	MS-01-C-03	ALDI		MERSEYSIDE
	LAUREL ROAD			
	ELM PARK			
	LIVERPOOL			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:		1165 sqm	
	Survey date: WEDNESDAY		20/06/07	Survey Type: MANUAL
4	NR-01-C-01	ALDI		NORTHAMPTONSHIRE
	DALTON ROAD			
	CORBY			
	Edge of Town			
	Industrial Zone			
	Total Gross floor area:		1345 sqm	
	Survey date: WEDNESDAY		19/11/08	Survey Type: MANUAL
5	SH-01-C-01	LIDL		SHROPSHIRE
	CASTLE STREET			
	HADLEY			
	TELFORD			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Gross floor area:		1900 sqm	
	Survey date: TUESDAY		16/06/09	Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES  
VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	2	1617	0.309	2	1617	0.155	2	1617	0.464
08:00 - 09:00	4	1436	0.992	4	1436	0.714	4	1436	1.706
09:00 - 10:00	5	1393	3.603	5	1393	2.670	5	1393	6.273
10:00 - 11:00	5	1393	4.680	5	1393	4.421	5	1393	9.101
11:00 - 12:00	5	1393	4.737	5	1393	4.364	5	1393	9.101
12:00 - 13:00	5	1393	4.536	5	1393	4.709	5	1393	9.245
13:00 - 14:00	5	1393	4.048	5	1393	4.005	5	1393	8.053
14:00 - 15:00	5	1393	3.833	5	1393	3.790	5	1393	7.623
15:00 - 16:00	5	1393	3.890	5	1393	4.292	5	1393	8.182
16:00 - 17:00	5	1393	4.134	5	1393	3.962	5	1393	8.096
17:00 - 18:00	5	1393	3.402	5	1393	4.292	5	1393	7.694
18:00 - 19:00	5	1393	3.445	5	1393	3.460	5	1393	6.905
19:00 - 20:00	4	1436	1.358	4	1436	2.194	4	1436	3.552
20:00 - 21:00	1	1334	1.274	1	1334	1.649	1	1334	2.923
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>44.241</b>			<b>44.677</b>			<b>88.918</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 1165 - 1900 (units: sqm)  
 Survey date date range: 01/01/00 - 19/10/15  
 Number of weekdays (Monday-Friday): 5  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES

OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	2	1617	0.031	2	1617	0.031	2	1617	0.062
08:00 - 09:00	4	1436	0.017	4	1436	0.017	4	1436	0.034
09:00 - 10:00	5	1393	0.014	5	1393	0.014	5	1393	0.028
10:00 - 11:00	5	1393	0.029	5	1393	0.029	5	1393	0.058
11:00 - 12:00	5	1393	0.072	5	1393	0.072	5	1393	0.144
12:00 - 13:00	5	1393	0.000	5	1393	0.000	5	1393	0.000
13:00 - 14:00	5	1393	0.014	5	1393	0.000	5	1393	0.014
14:00 - 15:00	5	1393	0.029	5	1393	0.029	5	1393	0.058
15:00 - 16:00	5	1393	0.014	5	1393	0.029	5	1393	0.043
16:00 - 17:00	5	1393	0.000	5	1393	0.000	5	1393	0.000
17:00 - 18:00	5	1393	0.000	5	1393	0.000	5	1393	0.000
18:00 - 19:00	5	1393	0.014	5	1393	0.014	5	1393	0.028
19:00 - 20:00	4	1436	0.000	4	1436	0.000	4	1436	0.000
20:00 - 21:00	1	1334	0.000	1	1334	0.000	1	1334	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			0.234			0.235			0.469

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected:	1165 - 1900 (units: sqm)
Survey date date range:	01/01/00 - 19/10/15
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.



TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES  
 PSVS  
 Calculation factor: 100 sqm  
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	2	1617	0.000	2	1617	0.000	2	1617	0.000
08:00 - 09:00	4	1436	0.000	4	1436	0.000	4	1436	0.000
09:00 - 10:00	5	1393	0.000	5	1393	0.000	5	1393	0.000
10:00 - 11:00	5	1393	0.000	5	1393	0.000	5	1393	0.000
11:00 - 12:00	5	1393	0.000	5	1393	0.000	5	1393	0.000
12:00 - 13:00	5	1393	0.029	5	1393	0.014	5	1393	0.043
13:00 - 14:00	5	1393	0.000	5	1393	0.014	5	1393	0.014
14:00 - 15:00	5	1393	0.014	5	1393	0.014	5	1393	0.028
15:00 - 16:00	5	1393	0.000	5	1393	0.000	5	1393	0.000
16:00 - 17:00	5	1393	0.000	5	1393	0.000	5	1393	0.000
17:00 - 18:00	5	1393	0.000	5	1393	0.000	5	1393	0.000
18:00 - 19:00	5	1393	0.000	5	1393	0.000	5	1393	0.000
19:00 - 20:00	4	1436	0.000	4	1436	0.000	4	1436	0.000
20:00 - 21:00	1	1334	0.000	1	1334	0.000	1	1334	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>0.043</b>			<b>0.042</b>			<b>0.085</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 1165 - 1900 (units: sqm)  
 Survey date date range: 01/01/00 - 19/10/15  
 Number of weekdays (Monday-Friday): 5  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES  
CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	2	1617	0.031	2	1617	0.000	2	1617	0.031
08:00 - 09:00	4	1436	0.017	4	1436	0.035	4	1436	0.052
09:00 - 10:00	5	1393	0.043	5	1393	0.072	5	1393	0.115
10:00 - 11:00	5	1393	0.000	5	1393	0.000	5	1393	0.000
11:00 - 12:00	5	1393	0.129	5	1393	0.072	5	1393	0.201
12:00 - 13:00	5	1393	0.043	5	1393	0.057	5	1393	0.100
13:00 - 14:00	5	1393	0.057	5	1393	0.057	5	1393	0.114
14:00 - 15:00	5	1393	0.043	5	1393	0.057	5	1393	0.100
15:00 - 16:00	5	1393	0.043	5	1393	0.029	5	1393	0.072
16:00 - 17:00	5	1393	0.072	5	1393	0.072	5	1393	0.144
17:00 - 18:00	5	1393	0.115	5	1393	0.129	5	1393	0.244
18:00 - 19:00	5	1393	0.057	5	1393	0.043	5	1393	0.100
19:00 - 20:00	4	1436	0.070	4	1436	0.000	4	1436	0.070
20:00 - 21:00	1	1334	0.000	1	1334	0.000	1	1334	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			0.720			0.623			1.343

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 1165 - 1900 (units: sqm)  
 Survey date date range: 01/01/00 - 19/10/15  
 Number of weekdays (Monday-Friday): 5  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Calculation Reference: AUDIT-219601-160822-0802

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL  
 Category : C - DISCOUNT FOOD STORES  
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	1 days
03	SOUTH WEST	
	BR BRISTOL CITY	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	1 days
09	NORTH	
	CB CUMBRIA	1 days
10	WALES	
	CP CAERPHILLY	1 days
	SW SWANSEA	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

## Filtering Stage 2 selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Gross floor area  
 Actual Range: 900 to 1250 (units: sqm)  
 Range Selected by User: 700 to 1900 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/00 to 19/10/15

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Saturday 6 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count 6 days  
 Directional ATC Count 0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre) 5  
 Edge of Town 1

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Industrial Zone 1  
 Commercial Zone 1  
 Residential Zone 2  
 Built-Up Zone 1  
 No Sub Category 1

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Filtering Stage 3 selection:

Use Class:

A1	6 days
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This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

1,001 to 5,000	1 days
10,001 to 15,000	2 days
20,001 to 25,000	1 days
25,001 to 50,000	2 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

5,001 to 25,000	1 days
75,001 to 100,000	2 days
125,001 to 250,000	2 days
250,001 to 500,000	1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	4 days
1.1 to 1.5	2 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Petrol filling station:

Included in the survey count	0 days
Excluded from count or no filling station	6 days

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

Travel Plan:

Not Known	1 days
No	5 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

LIST OF SITES relevant to selection parameters

1	BR-01-C-01	LIDL		BRISTOL CITY
	LAWRENCE HILL			
	LAWRENCE HILL			
	BRISTOL			
	Suburban Area (PPS6 Out of Centre)			
	Industrial Zone			
	Total Gross floor area:	1007 sqm		
	Survey date: SATURDAY	17/05/03		Survey Type: MANUAL
2	CB-01-C-01	ALDI		CUMBRIA
	KINGSTOWN ROAD			
	KINGSTOWN			
	CARLISLE			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:	1216 sqm		
	Survey date: SATURDAY	07/09/02		Survey Type: MANUAL
3	CP-01-C-01	KWIK SAVE		CAERPHILLY
	FIELDS ROAD			
	PONTYMINSTER			
	RISCA			
	Edge of Town			
	No Sub Category			
	Total Gross floor area:	900 sqm		
	Survey date: SATURDAY	03/09/05		Survey Type: MANUAL
4	ES-01-C-01	ALDI		EAST SUSSEX
	LONDON ROAD			
	BEXHILL			
	Suburban Area (PPS6 Out of Centre)			
	Built-Up Zone			
	Total Gross floor area:	1222 sqm		
	Survey date: SATURDAY	06/10/01		Survey Type: MANUAL
5	NY-01-C-01	NETTO		NORTH YORKSHIRE
	LAYERTHORPE			
	YORK			
	Suburban Area (PPS6 Out of Centre)			
	Commercial Zone			
	Total Gross floor area:	1250 sqm		
	Survey date: SATURDAY	21/05/05		Survey Type: MANUAL
6	SW-01-C-01	LIDL		SWANSEA
	PENTREGETHIN ROAD			
	PEN-LAN			
	SWANSEA			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:	969 sqm		
	Survey date: SATURDAY	14/09/02		Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES  
VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	1158	0.777	3	1158	0.173	3	1158	0.950
08:00 - 09:00	5	1068	1.760	5	1068	0.936	5	1068	2.696
09:00 - 10:00	6	1094	4.799	6	1094	3.870	6	1094	8.669
10:00 - 11:00	6	1094	5.881	6	1094	5.271	6	1094	11.152
11:00 - 12:00	6	1094	6.886	6	1094	6.459	6	1094	13.345
12:00 - 13:00	6	1094	5.941	6	1094	6.246	6	1094	12.187
13:00 - 14:00	6	1094	6.185	6	1094	6.033	6	1094	12.218
14:00 - 15:00	6	1094	6.368	6	1094	6.277	6	1094	12.645
15:00 - 16:00	6	1094	5.545	6	1094	6.307	6	1094	11.852
16:00 - 17:00	6	1094	4.509	6	1094	4.677	6	1094	9.186
17:00 - 18:00	5	1068	2.920	5	1068	4.249	5	1068	7.169
18:00 - 19:00	5	1068	0.936	5	1068	1.235	5	1068	2.171
19:00 - 20:00	1	900	1.111	1	900	1.889	1	900	3.000
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>53.618</b>			<b>53.622</b>			<b>107.240</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 900 - 1250 (units: sqm)  
 Survey date range: 01/01/00 - 19/10/15  
 Number of weekdays (Monday-Friday): 0  
 Number of Saturdays: 6  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES  
 OGVS  
 Calculation factor: 100 sqm  
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	1158	0.058	3	1158	0.029	3	1158	0.087
08:00 - 09:00	5	1068	0.037	5	1068	0.056	5	1068	0.093
09:00 - 10:00	6	1094	0.015	6	1094	0.000	6	1094	0.015
10:00 - 11:00	6	1094	0.015	6	1094	0.015	6	1094	0.030
11:00 - 12:00	6	1094	0.015	6	1094	0.030	6	1094	0.045
12:00 - 13:00	6	1094	0.000	6	1094	0.000	6	1094	0.000
13:00 - 14:00	6	1094	0.000	6	1094	0.000	6	1094	0.000
14:00 - 15:00	6	1094	0.015	6	1094	0.015	6	1094	0.030
15:00 - 16:00	6	1094	0.015	6	1094	0.015	6	1094	0.030
16:00 - 17:00	6	1094	0.000	6	1094	0.000	6	1094	0.000
17:00 - 18:00	5	1068	0.019	5	1068	0.019	5	1068	0.038
18:00 - 19:00	5	1068	0.000	5	1068	0.000	5	1068	0.000
19:00 - 20:00	1	900	0.000	1	900	0.000	1	900	0.000
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>0.189</b>			<b>0.179</b>			<b>0.368</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 900 - 1250 (units: sqm)  
 Survey date date range: 01/01/00 - 19/10/15  
 Number of weekdays (Monday-Friday): 0  
 Number of Saturdays: 6  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES  
 PSVS  
 Calculation factor: 100 sqm  
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	1158	0.000	3	1158	0.000	3	1158	0.000
08:00 - 09:00	5	1068	0.019	5	1068	0.000	5	1068	0.019
09:00 - 10:00	6	1094	0.000	6	1094	0.000	6	1094	0.000
10:00 - 11:00	6	1094	0.000	6	1094	0.000	6	1094	0.000
11:00 - 12:00	6	1094	0.000	6	1094	0.000	6	1094	0.000
12:00 - 13:00	6	1094	0.000	6	1094	0.000	6	1094	0.000
13:00 - 14:00	6	1094	0.000	6	1094	0.000	6	1094	0.000
14:00 - 15:00	6	1094	0.000	6	1094	0.000	6	1094	0.000
15:00 - 16:00	6	1094	0.030	6	1094	0.000	6	1094	0.030
16:00 - 17:00	6	1094	0.015	6	1094	0.046	6	1094	0.061
17:00 - 18:00	5	1068	0.000	5	1068	0.000	5	1068	0.000
18:00 - 19:00	5	1068	0.000	5	1068	0.000	5	1068	0.000
19:00 - 20:00	1	900	0.000	1	900	0.000	1	900	0.000
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			0.064			0.046			0.110

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 900 - 1250 (units: sqm)  
 Survey date date range: 01/01/00 - 19/10/15  
 Number of weekdays (Monday-Friday): 0  
 Number of Saturdays: 6  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.



TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES  
CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	1158	0.000	3	1158	0.000	3	1158	0.000
08:00 - 09:00	5	1068	0.037	5	1068	0.000	5	1068	0.037
09:00 - 10:00	6	1094	0.030	6	1094	0.046	6	1094	0.076
10:00 - 11:00	6	1094	0.076	6	1094	0.030	6	1094	0.106
11:00 - 12:00	6	1094	0.091	6	1094	0.137	6	1094	0.228
12:00 - 13:00	6	1094	0.061	6	1094	0.046	6	1094	0.107
13:00 - 14:00	6	1094	0.107	6	1094	0.122	6	1094	0.229
14:00 - 15:00	6	1094	0.061	6	1094	0.061	6	1094	0.122
15:00 - 16:00	6	1094	0.046	6	1094	0.061	6	1094	0.107
16:00 - 17:00	6	1094	0.046	6	1094	0.061	6	1094	0.107
17:00 - 18:00	5	1068	0.056	5	1068	0.056	5	1068	0.112
18:00 - 19:00	5	1068	0.000	5	1068	0.000	5	1068	0.000
19:00 - 20:00	1	900	0.000	1	900	0.000	1	900	0.000
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			0.611			0.620			1.231

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 900 - 1250 (units: sqm)  
 Survey date date range: 01/01/00 - 19/10/15  
 Number of weekdays (Monday-Friday): 0  
 Number of Saturdays: 6  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Calculation Reference: AUDIT-219601-160819-0819

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 06 - HOTEL, FOOD & DRINK  
 Category : D - FAST FOOD - DRIVE THROUGH  
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	SO SLOUGH	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	1 days
10	WALES	
	CO CONWY	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

## Filtering Stage 2 selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Gross floor area  
 Actual Range: 250 to 480 (units: sqm)  
 Range Selected by User: 210 to 800 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/08 to 21/09/15

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Tuesday	1 days
Wednesday	2 days
Friday	1 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	4 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	2
Edge of Town	2

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Residential Zone	2
Out of Town	1
No Sub Category	1

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Filtering Stage 3 selection:

Use Class:

A3	2 days
A5	2 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

5,001 to 10,000	2 days
20,001 to 25,000	2 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

25,001 to 50,000	1 days
100,001 to 125,000	2 days
500,001 or More	1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	2 days
1.1 to 1.5	2 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No	4 days
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This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

LIST OF SITES relevant to selection parameters

1	CA-06-D-01	MCDONALDS		CAMBRIDGESHIRE
	NEWMARKET ROAD			
	CAMBRIDGE			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:		450 sqm	
	Survey date:	WEDNESDAY	19/10/11	Survey Type: MANUAL
2	CO-06-D-01	MCDONALD'S		CONWY
	RHUDDLAN ROAD			
	ABERGELE			
	Edge of Town			
	Out of Town			
	Total Gross floor area:		410 sqm	
	Survey date:	FRIDAY	21/10/11	Survey Type: MANUAL
3	SO-06-D-01	MCDONALD'S		SLOUGH
	WINDSOR ROAD			
	SLOUGH			
	Edge of Town			
	Residential Zone			
	Total Gross floor area:		480 sqm	
	Survey date:	WEDNESDAY	21/11/12	Survey Type: MANUAL
4	WM-06-D-01	BURGER KING		WEST MIDLANDS
	KINGSBURY ROAD			
	ERDINGTON			
	BIRMINGHAM			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Gross floor area:		250 sqm	
	Survey date:	TUESDAY	25/11/08	Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/D - FAST FOOD - DRIVE THROUGH  
VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	480	0.417	1	480	0.000	1	480	0.417
06:00 - 07:00	3	447	2.761	3	447	2.164	3	447	4.925
07:00 - 08:00	3	447	6.866	3	447	5.522	3	447	12.388
08:00 - 09:00	3	447	9.328	3	447	8.657	3	447	17.985
09:00 - 10:00	4	398	6.730	4	398	6.855	4	398	13.585
10:00 - 11:00	4	398	7.296	4	398	7.799	4	398	15.095
11:00 - 12:00	4	398	7.673	4	398	7.233	4	398	14.906
12:00 - 13:00	4	398	11.761	4	398	11.132	4	398	22.893
13:00 - 14:00	4	398	11.384	4	398	11.195	4	398	22.579
14:00 - 15:00	4	398	7.673	4	398	9.811	4	398	17.484
15:00 - 16:00	4	398	8.113	4	398	7.358	4	398	15.471
16:00 - 17:00	4	398	8.931	4	398	8.868	4	398	17.799
17:00 - 18:00	4	398	8.239	4	398	7.736	4	398	15.975
18:00 - 19:00	4	398	8.113	4	398	8.428	4	398	16.541
19:00 - 20:00	4	398	7.673	4	398	7.799	4	398	15.472
20:00 - 21:00	4	398	4.151	4	398	4.969	4	398	9.120
21:00 - 22:00	4	398	2.893	4	398	3.145	4	398	6.038
22:00 - 23:00	2	445	3.371	2	445	4.045	2	445	7.416
23:00 - 24:00	1	480	0.000	1	480	0.417	1	480	0.417
<b>Total Rates:</b>			123.373			123.133			246.506

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 250 - 480 (units: sqm)  
 Survey date range: 01/01/08 - 21/09/15  
 Number of weekdays (Monday-Friday): 4  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/D - FAST FOOD - DRIVE THROUGH TAXIS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	480	0.000	1	480	0.000	1	480	0.000
06:00 - 07:00	3	447	0.000	3	447	0.000	3	447	0.000
07:00 - 08:00	3	447	0.000	3	447	0.000	3	447	0.000
08:00 - 09:00	3	447	0.000	3	447	0.000	3	447	0.000
09:00 - 10:00	4	398	0.000	4	398	0.000	4	398	0.000
10:00 - 11:00	4	398	0.000	4	398	0.000	4	398	0.000
11:00 - 12:00	4	398	0.000	4	398	0.000	4	398	0.000
12:00 - 13:00	4	398	0.000	4	398	0.000	4	398	0.000
13:00 - 14:00	4	398	0.000	4	398	0.000	4	398	0.000
14:00 - 15:00	4	398	0.000	4	398	0.000	4	398	0.000
15:00 - 16:00	4	398	0.000	4	398	0.000	4	398	0.000
16:00 - 17:00	4	398	0.000	4	398	0.000	4	398	0.000
17:00 - 18:00	4	398	0.000	4	398	0.000	4	398	0.000
18:00 - 19:00	4	398	0.000	4	398	0.000	4	398	0.000
19:00 - 20:00	4	398	0.000	4	398	0.000	4	398	0.000
20:00 - 21:00	4	398	0.000	4	398	0.000	4	398	0.000
21:00 - 22:00	4	398	0.000	4	398	0.000	4	398	0.000
22:00 - 23:00	2	445	0.000	2	445	0.000	2	445	0.000
23:00 - 24:00	1	480	0.000	1	480	0.000	1	480	0.000
<b>Total Rates:</b>			0.000			0.000			0.000

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

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#### Parameter summary

Trip rate parameter range selected: 250 - 480 (units: sqm)  
 Survey date date range: 01/01/08 - 21/09/15  
 Number of weekdays (Monday-Friday): 4  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/D - FAST FOOD - DRIVE THROUGH  
OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	480	0.000	1	480	0.000	1	480	0.000
06:00 - 07:00	3	447	0.000	3	447	0.000	3	447	0.000
07:00 - 08:00	3	447	0.000	3	447	0.000	3	447	0.000
08:00 - 09:00	3	447	0.000	3	447	0.000	3	447	0.000
09:00 - 10:00	4	398	0.000	4	398	0.000	4	398	0.000
10:00 - 11:00	4	398	0.000	4	398	0.000	4	398	0.000
11:00 - 12:00	4	398	0.000	4	398	0.000	4	398	0.000
12:00 - 13:00	4	398	0.063	4	398	0.063	4	398	0.126
13:00 - 14:00	4	398	0.000	4	398	0.000	4	398	0.000
14:00 - 15:00	4	398	0.000	4	398	0.000	4	398	0.000
15:00 - 16:00	4	398	0.000	4	398	0.000	4	398	0.000
16:00 - 17:00	4	398	0.063	4	398	0.063	4	398	0.126
17:00 - 18:00	4	398	0.000	4	398	0.000	4	398	0.000
18:00 - 19:00	4	398	0.000	4	398	0.000	4	398	0.000
19:00 - 20:00	4	398	0.000	4	398	0.000	4	398	0.000
20:00 - 21:00	4	398	0.000	4	398	0.000	4	398	0.000
21:00 - 22:00	4	398	0.000	4	398	0.000	4	398	0.000
22:00 - 23:00	2	445	0.000	2	445	0.000	2	445	0.000
23:00 - 24:00	1	480	0.000	1	480	0.000	1	480	0.000
<b>Total Rates:</b>			0.126			0.126			0.252

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 250 - 480 (units: sqm)  
 Survey date range: 01/01/08 - 21/09/15  
 Number of weekdays (Monday-Friday): 4  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/D - FAST FOOD - DRIVE THROUGH  
PSVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	480	0.000	1	480	0.000	1	480	0.000
06:00 - 07:00	3	447	0.000	3	447	0.000	3	447	0.000
07:00 - 08:00	3	447	0.000	3	447	0.000	3	447	0.000
08:00 - 09:00	3	447	0.000	3	447	0.000	3	447	0.000
09:00 - 10:00	4	398	0.000	4	398	0.000	4	398	0.000
10:00 - 11:00	4	398	0.000	4	398	0.000	4	398	0.000
11:00 - 12:00	4	398	0.000	4	398	0.000	4	398	0.000
12:00 - 13:00	4	398	0.000	4	398	0.000	4	398	0.000
13:00 - 14:00	4	398	0.000	4	398	0.000	4	398	0.000
14:00 - 15:00	4	398	0.000	4	398	0.000	4	398	0.000
15:00 - 16:00	4	398	0.000	4	398	0.000	4	398	0.000
16:00 - 17:00	4	398	0.000	4	398	0.000	4	398	0.000
17:00 - 18:00	4	398	0.000	4	398	0.000	4	398	0.000
18:00 - 19:00	4	398	0.000	4	398	0.000	4	398	0.000
19:00 - 20:00	4	398	0.000	4	398	0.000	4	398	0.000
20:00 - 21:00	4	398	0.000	4	398	0.000	4	398	0.000
21:00 - 22:00	4	398	0.000	4	398	0.000	4	398	0.000
22:00 - 23:00	2	445	0.000	2	445	0.000	2	445	0.000
23:00 - 24:00	1	480	0.000	1	480	0.000	1	480	0.000
<b>Total Rates:</b>			0.000			0.000			0.000

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 250 - 480 (units: sqm)  
 Survey date range: 01/01/08 - 21/09/15  
 Number of weekdays (Monday-Friday): 4  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.



TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/D - FAST FOOD - DRIVE THROUGH  
CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	480	0.000	1	480	0.000	1	480	0.000
06:00 - 07:00	3	447	0.000	3	447	0.000	3	447	0.000
07:00 - 08:00	3	447	0.149	3	447	0.000	3	447	0.149
08:00 - 09:00	3	447	0.075	3	447	0.224	3	447	0.299
09:00 - 10:00	4	398	0.000	4	398	0.000	4	398	0.000
10:00 - 11:00	4	398	0.000	4	398	0.000	4	398	0.000
11:00 - 12:00	4	398	0.000	4	398	0.000	4	398	0.000
12:00 - 13:00	4	398	0.000	4	398	0.000	4	398	0.000
13:00 - 14:00	4	398	0.000	4	398	0.000	4	398	0.000
14:00 - 15:00	4	398	0.000	4	398	0.000	4	398	0.000
15:00 - 16:00	4	398	0.063	4	398	0.063	4	398	0.126
16:00 - 17:00	4	398	0.377	4	398	0.377	4	398	0.754
17:00 - 18:00	4	398	0.063	4	398	0.063	4	398	0.126
18:00 - 19:00	4	398	0.000	4	398	0.000	4	398	0.000
19:00 - 20:00	4	398	0.000	4	398	0.000	4	398	0.000
20:00 - 21:00	4	398	0.000	4	398	0.000	4	398	0.000
21:00 - 22:00	4	398	0.000	4	398	0.000	4	398	0.000
22:00 - 23:00	2	445	0.000	2	445	0.000	2	445	0.000
23:00 - 24:00	1	480	0.000	1	480	0.000	1	480	0.000
<b>Total Rates:</b>			<b>0.727</b>			<b>0.727</b>			<b>1.454</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 250 - 480 (units: sqm)  
 Survey date date range: 01/01/08 - 21/09/15  
 Number of weekdays (Monday-Friday): 4  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Calculation Reference: AUDIT-219601-160819-0804

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 06 - HOTEL, FOOD & DRINK  
 Category : D - FAST FOOD - DRIVE THROUGH  
 VEHICLES

Selected regions and areas:

10	WALES	
	CE CEREDIGION	1 days
	NW NEWPORT	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

## Filtering Stage 2 selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter:	Gross floor area
Actual Range:	341 to 350 (units: sqm)
Range Selected by User:	210 to 800 (units: sqm)

Public Transport Provision:

Selection by:	Include all surveys
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Date Range:	01/01/08 to 21/09/15
-------------	----------------------

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Saturday	2 days
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This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	2 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Edge of Town	2
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This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Retail Zone	2
-------------	---

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

## Filtering Stage 3 selection:

Use Class:

A3	1 days
A5	1 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Filtering Stage 3 selection (Cont.):

Population within 1 mile:

10,001 to 15,000 2 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

25,001 to 50,000 1 days

125,001 to 250,000 1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0 1 days

1.1 to 1.5 1 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No 2 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

LIST OF SITES relevant to selection parameters

1	CE-06-D-01	MCDONALD'S		CEREDIGION
	FFORDD PARC Y LLYN			
	ABERYSTWYTH			
	Edge of Town			
	Retail Zone			
	Total Gross floor area:		350 sqm	
	Survey date: SATURDAY		09/05/15	Survey Type: MANUAL
2	NW-06-D-01	KFC		NEWPORT
	SPYTTY ROAD			
	NEWPORT			
	Edge of Town			
	Retail Zone			
	Total Gross floor area:		341 sqm	
	Survey date: SATURDAY		16/10/10	Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/D - FAST FOOD - DRIVE THROUGH  
VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	350	1.429	1	350	0.857	1	350	2.286
06:00 - 07:00	1	350	7.714	1	350	5.143	1	350	12.857
07:00 - 08:00	1	350	9.143	1	350	6.857	1	350	16.000
08:00 - 09:00	2	346	7.959	2	346	7.381	2	346	15.340
09:00 - 10:00	2	346	15.051	2	346	12.880	2	346	27.931
10:00 - 11:00	2	346	15.051	2	346	15.485	2	346	30.536
11:00 - 12:00	2	346	20.260	2	346	16.787	2	346	37.047
12:00 - 13:00	2	346	28.509	2	346	26.339	2	346	54.848
13:00 - 14:00	2	346	27.062	2	346	29.522	2	346	56.584
14:00 - 15:00	2	346	25.036	2	346	22.287	2	346	47.323
15:00 - 16:00	2	346	20.405	2	346	22.865	2	346	43.270
16:00 - 17:00	2	346	18.958	2	346	20.116	2	346	39.074
17:00 - 18:00	2	346	16.208	2	346	16.787	2	346	32.995
18:00 - 19:00	2	346	21.418	2	346	20.550	2	346	41.968
19:00 - 20:00	2	346	18.379	2	346	19.971	2	346	38.350
20:00 - 21:00	2	346	11.577	2	346	12.446	2	346	24.023
21:00 - 22:00	2	346	11.577	2	346	11.722	2	346	23.299
22:00 - 23:00	2	346	7.959	2	346	9.986	2	346	17.945
23:00 - 24:00	1	350	12.571	1	350	14.000	1	350	26.571
<b>Total Rates:</b>			<b>296.266</b>			<b>291.981</b>			<b>588.247</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP\*FACT. Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 341 - 350 (units: sqm)  
 Survey date range: 01/01/08 - 21/09/15  
 Number of weekdays (Monday-Friday): 0  
 Number of Saturdays: 2  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/D - FAST FOOD - DRIVE THROUGH  
TAXIS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	350	0.000	1	350	0.000	1	350	0.000
06:00 - 07:00	1	350	0.000	1	350	0.000	1	350	0.000
07:00 - 08:00	1	350	0.000	1	350	0.000	1	350	0.000
08:00 - 09:00	2	346	0.000	2	346	0.000	2	346	0.000
09:00 - 10:00	2	346	0.000	2	346	0.000	2	346	0.000
10:00 - 11:00	2	346	0.000	2	346	0.000	2	346	0.000
11:00 - 12:00	2	346	0.000	2	346	0.000	2	346	0.000
12:00 - 13:00	2	346	0.000	2	346	0.000	2	346	0.000
13:00 - 14:00	2	346	0.000	2	346	0.000	2	346	0.000
14:00 - 15:00	2	346	0.289	2	346	0.289	2	346	0.578
15:00 - 16:00	2	346	0.000	2	346	0.000	2	346	0.000
16:00 - 17:00	2	346	0.000	2	346	0.000	2	346	0.000
17:00 - 18:00	2	346	0.145	2	346	0.145	2	346	0.290
18:00 - 19:00	2	346	0.000	2	346	0.000	2	346	0.000
19:00 - 20:00	2	346	0.000	2	346	0.000	2	346	0.000
20:00 - 21:00	2	346	0.000	2	346	0.000	2	346	0.000
21:00 - 22:00	2	346	0.000	2	346	0.000	2	346	0.000
22:00 - 23:00	2	346	0.000	2	346	0.000	2	346	0.000
23:00 - 24:00	1	350	0.000	1	350	0.000	1	350	0.000
<b>Total Rates:</b>			<b>0.434</b>			<b>0.434</b>			<b>0.868</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 341 - 350 (units: sqm)  
 Survey date date range: 01/01/08 - 21/09/15  
 Number of weekdays (Monday-Friday): 0  
 Number of Saturdays: 2  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/D - FAST FOOD - DRIVE THROUGH  
OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	350	0.000	1	350	0.000	1	350	0.000
06:00 - 07:00	1	350	0.000	1	350	0.000	1	350	0.000
07:00 - 08:00	1	350	0.000	1	350	0.000	1	350	0.000
08:00 - 09:00	2	346	0.145	2	346	0.000	2	346	0.145
09:00 - 10:00	2	346	0.000	2	346	0.145	2	346	0.145
10:00 - 11:00	2	346	0.434	2	346	0.579	2	346	1.013
11:00 - 12:00	2	346	0.000	2	346	0.000	2	346	0.000
12:00 - 13:00	2	346	0.000	2	346	0.000	2	346	0.000
13:00 - 14:00	2	346	0.000	2	346	0.000	2	346	0.000
14:00 - 15:00	2	346	0.000	2	346	0.000	2	346	0.000
15:00 - 16:00	2	346	0.000	2	346	0.000	2	346	0.000
16:00 - 17:00	2	346	0.000	2	346	0.000	2	346	0.000
17:00 - 18:00	2	346	0.000	2	346	0.000	2	346	0.000
18:00 - 19:00	2	346	0.000	2	346	0.000	2	346	0.000
19:00 - 20:00	2	346	0.000	2	346	0.000	2	346	0.000
20:00 - 21:00	2	346	0.000	2	346	0.000	2	346	0.000
21:00 - 22:00	2	346	0.000	2	346	0.000	2	346	0.000
22:00 - 23:00	2	346	0.000	2	346	0.000	2	346	0.000
23:00 - 24:00	1	350	0.000	1	350	0.000	1	350	0.000
<b>Total Rates:</b>			<b>0.579</b>			<b>0.724</b>			<b>1.303</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 341 - 350 (units: sqm)  
 Survey date range: 01/01/08 - 21/09/15  
 Number of weekdays (Monday-Friday): 0  
 Number of Saturdays: 2  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/D - FAST FOOD - DRIVE THROUGH  
PSVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	350	0.000	1	350	0.000	1	350	0.000
06:00 - 07:00	1	350	0.000	1	350	0.000	1	350	0.000
07:00 - 08:00	1	350	0.000	1	350	0.000	1	350	0.000
08:00 - 09:00	2	346	0.000	2	346	0.000	2	346	0.000
09:00 - 10:00	2	346	0.000	2	346	0.000	2	346	0.000
10:00 - 11:00	2	346	0.000	2	346	0.000	2	346	0.000
11:00 - 12:00	2	346	0.000	2	346	0.000	2	346	0.000
12:00 - 13:00	2	346	0.000	2	346	0.000	2	346	0.000
13:00 - 14:00	2	346	0.000	2	346	0.000	2	346	0.000
14:00 - 15:00	2	346	0.000	2	346	0.000	2	346	0.000
15:00 - 16:00	2	346	0.000	2	346	0.000	2	346	0.000
16:00 - 17:00	2	346	0.000	2	346	0.000	2	346	0.000
17:00 - 18:00	2	346	0.000	2	346	0.000	2	346	0.000
18:00 - 19:00	2	346	0.000	2	346	0.000	2	346	0.000
19:00 - 20:00	2	346	0.000	2	346	0.000	2	346	0.000
20:00 - 21:00	2	346	0.000	2	346	0.000	2	346	0.000
21:00 - 22:00	2	346	0.000	2	346	0.000	2	346	0.000
22:00 - 23:00	2	346	0.000	2	346	0.000	2	346	0.000
23:00 - 24:00	1	350	0.000	1	350	0.000	1	350	0.000
Total Rates:			0.000			0.000			0.000

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 341 - 350 (units: sqm)  
 Survey date range: 01/01/08 - 21/09/15  
 Number of weekdays (Monday-Friday): 0  
 Number of Saturdays: 2  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.



TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/D - FAST FOOD - DRIVE THROUGH  
CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	350	0.000	1	350	0.000	1	350	0.000
06:00 - 07:00	1	350	0.000	1	350	0.000	1	350	0.000
07:00 - 08:00	1	350	0.000	1	350	0.000	1	350	0.000
08:00 - 09:00	2	346	0.000	2	346	0.000	2	346	0.000
09:00 - 10:00	2	346	0.000	2	346	0.000	2	346	0.000
10:00 - 11:00	2	346	0.000	2	346	0.000	2	346	0.000
11:00 - 12:00	2	346	0.000	2	346	0.000	2	346	0.000
12:00 - 13:00	2	346	0.000	2	346	0.000	2	346	0.000
13:00 - 14:00	2	346	0.000	2	346	0.000	2	346	0.000
14:00 - 15:00	2	346	0.289	2	346	0.289	2	346	0.578
15:00 - 16:00	2	346	0.000	2	346	0.000	2	346	0.000
16:00 - 17:00	2	346	0.000	2	346	0.000	2	346	0.000
17:00 - 18:00	2	346	0.000	2	346	0.000	2	346	0.000
18:00 - 19:00	2	346	0.000	2	346	0.000	2	346	0.000
19:00 - 20:00	2	346	0.000	2	346	0.000	2	346	0.000
20:00 - 21:00	2	346	0.000	2	346	0.000	2	346	0.000
21:00 - 22:00	2	346	0.000	2	346	0.000	2	346	0.000
22:00 - 23:00	2	346	0.000	2	346	0.000	2	346	0.000
23:00 - 24:00	1	350	0.000	1	350	0.000	1	350	0.000
<b>Total Rates:</b>			<b>0.289</b>			<b>0.289</b>			<b>0.578</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP\*FACT. Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 341 - 350 (units: sqm)  
 Survey date date range: 01/01/08 - 21/09/15  
 Number of weekdays (Monday-Friday): 0  
 Number of Saturdays: 2  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Calculation Reference: AUDIT-219601-160919-0934

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 04 - EDUCATION  
 Category : D - NURSERY  
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	KC KENT	1 days
05	EAST MIDLANDS	
	LE LEICESTERSHIRE	1 days
	NR NORTHAMPTONSHIRE	1 days
08	NORTH WEST	
	GM GREATER MANCHESTER	1 days
09	NORTH	
	DH DURHAM	1 days
	TW TYNE & WEAR	1 days
10	WALES	
	BG BRIDGEND	1 days
	GW GWYNEDD	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Filtering Stage 2 selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Number of Employees  
 Actual Range: 8 to 40 (units: )  
 Range Selected by User: 5 to 50 (units: )

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/08 to 10/12/14

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Monday	3 days
Wednesday	3 days
Thursday	2 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	8 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	5
Edge of Town	3

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Industrial Zone	1
Commercial Zone	1
Residential Zone	6

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out

Filtering Stage 3 selection:

Use Class:

D1 8 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

1,000 or Less	1 days
1,001 to 5,000	1 days
10,001 to 15,000	2 days
20,001 to 25,000	1 days
25,001 to 50,000	3 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

25,001 to 50,000	1 days
75,001 to 100,000	3 days
100,001 to 125,000	1 days
250,001 to 500,000	2 days
500,001 or More	1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	3 days
1.1 to 1.5	5 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No 8 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

LIST OF SITES relevant to selection parameters

1	BG-04-D-01 NURSERY GEORGE STREET BRIDGEND IND. ESTATE BRIDGEND Edge of Town Industrial Zone Total Number of Employees: 40 Survey date: MONDAY 13/10/14	BRIDGEND	Survey Type: MANUAL
2	DH-04-D-02 NURSERY PRIORY ROAD FRAMWELLGATE MOOR DURHAM Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of Employees: 19 Survey date: THURSDAY 27/11/08	DURHAM	Survey Type: MANUAL
3	GM-04-D-01 NURSERY RUFFORD ROAD WHALLEY RANGE MANCHESTER Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of Employees: 12 Survey date: MONDAY 16/11/09	GREATER MANCHESTER	Survey Type: MANUAL
4	GW-04-D-01 NURSERY FFORD GELLI MORGAN PARC MENAI BANGOR Edge of Town Commercial Zone Total Number of Employees: 20 Survey date: MONDAY 13/07/09	GWYNEDD	Survey Type: MANUAL
5	KC-04-D-01 NURSERY PEMBURY ROAD  TONBRIDGE Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of Employees: 20 Survey date: WEDNESDAY 09/12/09	KENT	Survey Type: MANUAL
6	LE-04-D-01 NURSERY WIGSTON ROAD OADBY LEICESTER Edge of Town Residential Zone Total Number of Employees: 12 Survey date: THURSDAY 30/10/14	LEICESTERSHIRE	Survey Type: MANUAL
7	NR-04-D-02 NURSERY PARK AVENUE  KETTERING Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of Employees: 8 Survey date: WEDNESDAY 26/09/12	NORTHAMPTONSHIRE	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	TW-04-D-02	NURSERY	TYNE & WEAR
	ETTRICK GROVE		
	HIGH BARNES		
	SUNDERLAND		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of Employees:	18	
	Survey date: WEDNESDAY	28/11/12	Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 04 - EDUCATION/D - NURSERY  
VEHICLES

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	7	19	0.485	7	19	0.254	7	19	0.739
08:00 - 09:00	8	19	1.128	8	19	0.993	8	19	2.121
09:00 - 10:00	8	19	0.443	8	19	0.423	8	19	0.866
10:00 - 11:00	8	19	0.101	8	19	0.067	8	19	0.168
11:00 - 12:00	8	19	0.128	8	19	0.141	8	19	0.269
12:00 - 13:00	8	19	0.195	8	19	0.181	8	19	0.376
13:00 - 14:00	8	19	0.201	8	19	0.282	8	19	0.483
14:00 - 15:00	8	19	0.154	8	19	0.134	8	19	0.288
15:00 - 16:00	8	19	0.309	8	19	0.309	8	19	0.618
16:00 - 17:00	8	19	0.557	8	19	0.550	8	19	1.107
17:00 - 18:00	8	19	0.772	8	19	0.960	8	19	1.732
18:00 - 19:00	7	18	0.093	7	18	0.279	7	18	0.372
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>4.566</b>			<b>4.573</b>			<b>9.139</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP\*FACT. Trip rates are then rounded to 3 decimal places.

Parameter summary

Trip rate parameter range selected: 8 - 40 (units: )  
 Survey date date range: 01/01/08 - 10/12/14  
 Number of weekdays (Monday-Friday): 8  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 04 - EDUCATION/D - NURSERY

TAXIS

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	7	19	0.023	7	19	0.015	7	19	0.038
08:00 - 09:00	8	19	0.013	8	19	0.020	8	19	0.033
09:00 - 10:00	8	19	0.000	8	19	0.000	8	19	0.000
10:00 - 11:00	8	19	0.007	8	19	0.007	8	19	0.014
11:00 - 12:00	8	19	0.000	8	19	0.000	8	19	0.000
12:00 - 13:00	8	19	0.000	8	19	0.000	8	19	0.000
13:00 - 14:00	8	19	0.000	8	19	0.000	8	19	0.000
14:00 - 15:00	8	19	0.000	8	19	0.000	8	19	0.000
15:00 - 16:00	8	19	0.000	8	19	0.000	8	19	0.000
16:00 - 17:00	8	19	0.000	8	19	0.000	8	19	0.000
17:00 - 18:00	8	19	0.013	8	19	0.013	8	19	0.026
18:00 - 19:00	7	18	0.008	7	18	0.008	7	18	0.016
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>0.064</b>			<b>0.063</b>			<b>0.127</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 8 - 40 (units: )  
 Survey date date range: 01/01/08 - 10/12/14  
 Number of weekdays (Monday-Friday): 8  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 04 - EDUCATION/D - NURSERY

OGVS

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	7	19	0.000	7	19	0.000	7	19	0.000
08:00 - 09:00	8	19	0.007	8	19	0.000	8	19	0.007
09:00 - 10:00	8	19	0.007	8	19	0.013	8	19	0.020
10:00 - 11:00	8	19	0.007	8	19	0.000	8	19	0.007
11:00 - 12:00	8	19	0.000	8	19	0.007	8	19	0.007
12:00 - 13:00	8	19	0.000	8	19	0.000	8	19	0.000
13:00 - 14:00	8	19	0.000	8	19	0.000	8	19	0.000
14:00 - 15:00	8	19	0.000	8	19	0.000	8	19	0.000
15:00 - 16:00	8	19	0.000	8	19	0.000	8	19	0.000
16:00 - 17:00	8	19	0.000	8	19	0.000	8	19	0.000
17:00 - 18:00	8	19	0.000	8	19	0.000	8	19	0.000
18:00 - 19:00	7	18	0.000	7	18	0.000	7	18	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>0.021</b>			<b>0.020</b>			<b>0.041</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 8 - 40 (units: )  
 Survey date date range: 01/01/08 - 10/12/14  
 Number of weekdays (Monday-Friday): 8  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.



TRIP RATE for Land Use 04 - EDUCATION/D - NURSERY

PSVS

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	7	19	0.000	7	19	0.000	7	19	0.000
08:00 - 09:00	8	19	0.007	8	19	0.007	8	19	0.014
09:00 - 10:00	8	19	0.000	8	19	0.000	8	19	0.000
10:00 - 11:00	8	19	0.000	8	19	0.000	8	19	0.000
11:00 - 12:00	8	19	0.000	8	19	0.000	8	19	0.000
12:00 - 13:00	8	19	0.000	8	19	0.000	8	19	0.000
13:00 - 14:00	8	19	0.000	8	19	0.000	8	19	0.000
14:00 - 15:00	8	19	0.000	8	19	0.000	8	19	0.000
15:00 - 16:00	8	19	0.000	8	19	0.000	8	19	0.000
16:00 - 17:00	8	19	0.000	8	19	0.000	8	19	0.000
17:00 - 18:00	8	19	0.000	8	19	0.000	8	19	0.000
18:00 - 19:00	7	18	0.000	7	18	0.000	7	18	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>0.007</b>			<b>0.007</b>			<b>0.014</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 8 - 40 (units: )  
 Survey date date range: 01/01/08 - 10/12/14  
 Number of weekdays (Monday-Friday): 8  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 04 - EDUCATION/D - NURSERY  
CYCLISTS

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	7	19	0.000	7	19	0.000	7	19	0.000
08:00 - 09:00	8	19	0.013	8	19	0.007	8	19	0.020
09:00 - 10:00	8	19	0.000	8	19	0.000	8	19	0.000
10:00 - 11:00	8	19	0.000	8	19	0.000	8	19	0.000
11:00 - 12:00	8	19	0.000	8	19	0.000	8	19	0.000
12:00 - 13:00	8	19	0.000	8	19	0.000	8	19	0.000
13:00 - 14:00	8	19	0.000	8	19	0.000	8	19	0.000
14:00 - 15:00	8	19	0.000	8	19	0.000	8	19	0.000
15:00 - 16:00	8	19	0.000	8	19	0.000	8	19	0.000
16:00 - 17:00	8	19	0.000	8	19	0.000	8	19	0.000
17:00 - 18:00	8	19	0.013	8	19	0.020	8	19	0.033
18:00 - 19:00	7	18	0.000	7	18	0.000	7	18	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>0.026</b>			<b>0.027</b>			<b>0.053</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 8 - 40 (units: )  
 Survey date date range: 01/01/08 - 10/12/14  
 Number of weekdays (Monday-Friday): 8  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

# APPENDIX G

Calculation Reference: AUDIT-219601-160819-0814

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT  
 Category : B - BUSINESS PARK  
 MULTI-MODAL VEHICLES

Selected regions and areas:

This section displays the number of survey days per TRICS® sub-region in the selected set

## Filtering Stage 2 selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Gross floor area  
 Actual Range: 17197 to 17197 (units: sqm)  
 Range Selected by User: 17197 to 17197 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 14/06/05 to 14/06/05

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Tuesday 1 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count 1 days  
 Directional ATC Count 0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Edge of Town 1

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Commercial Zone 1

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

## Filtering Stage 3 selection:

Use Class:

Not Known 1 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Filtering Stage 3 selection (Cont.):

Population within 1 mile:

5,001 to 10,000 1 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

75,001 to 100,000 1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0 1 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No 1 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

LIST OF SITES relevant to selection parameters

1	SH-02-B-01	BUSINESS PARK	SHROPSHIRE
	WELSHPOOL ROAD		
	SHREWSBURY		
	Edge of Town		
	Commercial Zone		
	Total Gross floor area:	17197 sqm	
	Survey date: TUESDAY	14/06/05	Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK  
 MULTI-MODAL VEHICLES  
 Calculation factor: 100 sqm  
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	1	17197	0.494	1	17197	0.180	1	17197	0.674
08:00 - 09:00	1	17197	2.058	1	17197	0.570	1	17197	2.628
09:00 - 10:00	1	17197	1.169	1	17197	0.419	1	17197	1.588
10:00 - 11:00	1	17197	0.512	1	17197	0.279	1	17197	0.791
11:00 - 12:00	1	17197	0.238	1	17197	0.390	1	17197	0.628
12:00 - 13:00	1	17197	0.419	1	17197	0.855	1	17197	1.274
13:00 - 14:00	1	17197	1.122	1	17197	0.884	1	17197	2.006
14:00 - 15:00	1	17197	0.477	1	17197	0.372	1	17197	0.849
15:00 - 16:00	1	17197	0.506	1	17197	0.832	1	17197	1.338
16:00 - 17:00	1	17197	0.413	1	17197	0.954	1	17197	1.367
17:00 - 18:00	1	17197	0.611	1	17197	2.128	1	17197	2.739
18:00 - 19:00	1	17197	0.128	1	17197	0.494	1	17197	0.622
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>8.147</b>			<b>8.357</b>			<b>16.504</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 17197 - 17197 (units: sqm)  
 Survey date date range: 14/06/05 - 14/06/05  
 Number of weekdays (Monday-Friday): 1  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK  
 MULTI-MODAL OGVS  
 Calculation factor: 100 sqm  
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	1	17197	0.012	1	17197	0.052	1	17197	0.064
08:00 - 09:00	1	17197	0.047	1	17197	0.029	1	17197	0.076
09:00 - 10:00	1	17197	0.023	1	17197	0.041	1	17197	0.064
10:00 - 11:00	1	17197	0.052	1	17197	0.041	1	17197	0.093
11:00 - 12:00	1	17197	0.041	1	17197	0.035	1	17197	0.076
12:00 - 13:00	1	17197	0.017	1	17197	0.047	1	17197	0.064
13:00 - 14:00	1	17197	0.041	1	17197	0.023	1	17197	0.064
14:00 - 15:00	1	17197	0.047	1	17197	0.023	1	17197	0.070
15:00 - 16:00	1	17197	0.029	1	17197	0.023	1	17197	0.052
16:00 - 17:00	1	17197	0.035	1	17197	0.012	1	17197	0.047
17:00 - 18:00	1	17197	0.035	1	17197	0.000	1	17197	0.035
18:00 - 19:00	1	17197	0.000	1	17197	0.012	1	17197	0.012
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>0.379</b>			<b>0.338</b>			<b>0.717</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 17197 - 17197 (units: sqm)  
 Survey date date range: 14/06/05 - 14/06/05  
 Number of weekdays (Monday-Friday): 1  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.



TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK  
 MULTI-MODAL PSVS  
 Calculation factor: 100 sqm  
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	1	17197	0.000	1	17197	0.000	1	17197	0.000
08:00 - 09:00	1	17197	0.000	1	17197	0.000	1	17197	0.000
09:00 - 10:00	1	17197	0.000	1	17197	0.000	1	17197	0.000
10:00 - 11:00	1	17197	0.000	1	17197	0.000	1	17197	0.000
11:00 - 12:00	1	17197	0.000	1	17197	0.000	1	17197	0.000
12:00 - 13:00	1	17197	0.000	1	17197	0.000	1	17197	0.000
13:00 - 14:00	1	17197	0.000	1	17197	0.000	1	17197	0.000
14:00 - 15:00	1	17197	0.000	1	17197	0.000	1	17197	0.000
15:00 - 16:00	1	17197	0.000	1	17197	0.000	1	17197	0.000
16:00 - 17:00	1	17197	0.000	1	17197	0.000	1	17197	0.000
17:00 - 18:00	1	17197	0.000	1	17197	0.000	1	17197	0.000
18:00 - 19:00	1	17197	0.000	1	17197	0.000	1	17197	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			0.000			0.000			0.000

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 17197 - 17197 (units: sqm)  
 Survey date range: 14/06/05 - 14/06/05  
 Number of weekdays (Monday-Friday): 1  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK  
 MULTI-MODAL CYCLISTS  
 Calculation factor: 100 sqm  
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	1	17197	0.023	1	17197	0.006	1	17197	0.029
08:00 - 09:00	1	17197	0.047	1	17197	0.000	1	17197	0.047
09:00 - 10:00	1	17197	0.052	1	17197	0.000	1	17197	0.052
10:00 - 11:00	1	17197	0.012	1	17197	0.006	1	17197	0.018
11:00 - 12:00	1	17197	0.017	1	17197	0.012	1	17197	0.029
12:00 - 13:00	1	17197	0.006	1	17197	0.006	1	17197	0.012
13:00 - 14:00	1	17197	0.006	1	17197	0.023	1	17197	0.029
14:00 - 15:00	1	17197	0.000	1	17197	0.017	1	17197	0.017
15:00 - 16:00	1	17197	0.000	1	17197	0.012	1	17197	0.012
16:00 - 17:00	1	17197	0.006	1	17197	0.052	1	17197	0.058
17:00 - 18:00	1	17197	0.000	1	17197	0.035	1	17197	0.035
18:00 - 19:00	1	17197	0.000	1	17197	0.006	1	17197	0.006
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>0.169</b>			<b>0.175</b>			<b>0.344</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 17197 - 17197 (units: sqm)  
 Survey date date range: 14/06/05 - 14/06/05  
 Number of weekdays (Monday-Friday): 1  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK  
 MULTI-MODAL VEHICLE OCCUPANTS  
 Calculation factor: 100 sqm  
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	1	17197	0.518	1	17197	0.273	1	17197	0.791
08:00 - 09:00	1	17197	2.716	1	17197	0.773	1	17197	3.489
09:00 - 10:00	1	17197	1.407	1	17197	0.454	1	17197	1.861
10:00 - 11:00	1	17197	0.622	1	17197	0.320	1	17197	0.942
11:00 - 12:00	1	17197	0.273	1	17197	0.419	1	17197	0.692
12:00 - 13:00	1	17197	0.529	1	17197	1.018	1	17197	1.547
13:00 - 14:00	1	17197	1.326	1	17197	1.064	1	17197	2.390
14:00 - 15:00	1	17197	0.587	1	17197	0.442	1	17197	1.029
15:00 - 16:00	1	17197	0.558	1	17197	0.994	1	17197	1.552
16:00 - 17:00	1	17197	0.483	1	17197	1.082	1	17197	1.565
17:00 - 18:00	1	17197	0.709	1	17197	2.530	1	17197	3.239
18:00 - 19:00	1	17197	0.163	1	17197	0.651	1	17197	0.814
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>9.891</b>			<b>10.020</b>			<b>19.911</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 17197 - 17197 (units: sqm)  
 Survey date date range: 14/06/05 - 14/06/05  
 Number of weekdays (Monday-Friday): 1  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK  
 MULTI-MODAL PEDESTRIANS  
 Calculation factor: 100 sqm  
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	1	17197	0.029	1	17197	0.006	1	17197	0.035
08:00 - 09:00	1	17197	0.192	1	17197	0.006	1	17197	0.198
09:00 - 10:00	1	17197	0.093	1	17197	0.000	1	17197	0.093
10:00 - 11:00	1	17197	0.047	1	17197	0.035	1	17197	0.082
11:00 - 12:00	1	17197	0.052	1	17197	0.029	1	17197	0.081
12:00 - 13:00	1	17197	0.081	1	17197	0.099	1	17197	0.180
13:00 - 14:00	1	17197	0.076	1	17197	0.110	1	17197	0.186
14:00 - 15:00	1	17197	0.035	1	17197	0.017	1	17197	0.052
15:00 - 16:00	1	17197	0.017	1	17197	0.041	1	17197	0.058
16:00 - 17:00	1	17197	0.012	1	17197	0.087	1	17197	0.099
17:00 - 18:00	1	17197	0.029	1	17197	0.244	1	17197	0.273
18:00 - 19:00	1	17197	0.006	1	17197	0.047	1	17197	0.053
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			0.669			0.721			1.390

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 17197 - 17197 (units: sqm)  
 Survey date range: 14/06/05 - 14/06/05  
 Number of weekdays (Monday-Friday): 1  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK  
 MULTI-MODAL PUBLIC TRANSPORT USERS  
 Calculation factor: 100 sqm  
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	1	17197	0.035	1	17197	0.000	1	17197	0.035
08:00 - 09:00	1	17197	0.035	1	17197	0.006	1	17197	0.041
09:00 - 10:00	1	17197	0.017	1	17197	0.000	1	17197	0.017
10:00 - 11:00	1	17197	0.017	1	17197	0.012	1	17197	0.029
11:00 - 12:00	1	17197	0.012	1	17197	0.017	1	17197	0.029
12:00 - 13:00	1	17197	0.000	1	17197	0.017	1	17197	0.017
13:00 - 14:00	1	17197	0.006	1	17197	0.000	1	17197	0.006
14:00 - 15:00	1	17197	0.000	1	17197	0.000	1	17197	0.000
15:00 - 16:00	1	17197	0.000	1	17197	0.000	1	17197	0.000
16:00 - 17:00	1	17197	0.000	1	17197	0.029	1	17197	0.029
17:00 - 18:00	1	17197	0.000	1	17197	0.017	1	17197	0.017
18:00 - 19:00	1	17197	0.000	1	17197	0.012	1	17197	0.012
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			0.122			0.110			0.232

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 17197 - 17197 (units: sqm)  
 Survey date date range: 14/06/05 - 14/06/05  
 Number of weekdays (Monday-Friday): 1  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 0  
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK

MULTI-MODAL TOTAL PEOPLE

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	1	17197	0.605	1	17197	0.285	1	17197	0.890
08:00 - 09:00	1	17197	2.989	1	17197	0.785	1	17197	3.774
09:00 - 10:00	1	17197	1.570	1	17197	0.454	1	17197	2.024
10:00 - 11:00	1	17197	0.698	1	17197	0.372	1	17197	1.070
11:00 - 12:00	1	17197	0.355	1	17197	0.477	1	17197	0.832
12:00 - 13:00	1	17197	0.616	1	17197	1.140	1	17197	1.756
13:00 - 14:00	1	17197	1.413	1	17197	1.198	1	17197	2.611
14:00 - 15:00	1	17197	0.622	1	17197	0.477	1	17197	1.099
15:00 - 16:00	1	17197	0.576	1	17197	1.047	1	17197	1.623
16:00 - 17:00	1	17197	0.500	1	17197	1.250	1	17197	1.750
17:00 - 18:00	1	17197	0.739	1	17197	2.826	1	17197	3.565
18:00 - 19:00	1	17197	0.169	1	17197	0.715	1	17197	0.884
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>10.852</b>			<b>11.026</b>			<b>21.878</b>

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is:  $COUNT/TRP*FACT$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected:	17197 - 17197 (units: sqm)
Survey date date range:	14/06/05 - 14/06/05
Number of weekdays (Monday-Friday):	1
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.