

Client:
Glenalmond Developments

Project:
**Templars Way
Sharnbrook**

Project No:
T19560
Report Title:
Access Appraisal Report

Prepared by: LB
Authorised by: JP
Rev: -
Date: 28.11.19

Hub Transport Planning Ltd
Radclyffe House
66/68 Hagley Road
Edgbaston
Birmingham
West Midlands B16 8PF
T. 0121 454 5530

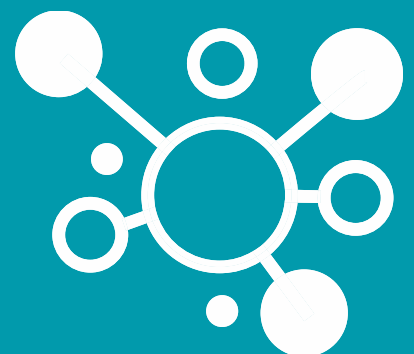


TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	LOCAL HIGHWAY NETWORK	2
3.0	PROPOSED DEVELOPMENT	3
4.0	SUSTAINABLE TRANSPORT REVIEW	5
5.0	SUMMARY	7

FIGURES

Figure 1.1 **Site Location Plan**

DRAWINGS

T19620.001 **Proposed Site Access**

APPENDICES

Appendix A **Crashmap**

Appendix B **TRICS**

1.0 Introduction

Background

- 1.1 Hub Transport Planning Ltd has been commissioned by Glenalmond Developments to provide transport advice for a proposed residential development off Templars Way, Sharnbrook.
- 1.2 It is considered that the site has the potential to deliver up to c.70 residential dwellings; the site location is shown on **Figure 1.1**.

Structure of the Report

- 1.3 This report is intended to assess the potential access opportunities, consider the proximity of the site to local facilities, review the public transport opportunities and review the local highway network to support the promotion of the site for the Bedford Borough Council Local Plan 2035.
- 1.4 Following this introduction, the report is set out as follows:
 - Chapter 2 – Local Highway Network;
 - Chapter 3 – Proposed Development;
 - Chapter 4 – Sustainable Transport Review; and,
 - Chapter 5 – Summary.

Limitations of the Report

- 1.5 This report has been undertaken at the request of Glenalmond Developments, thus should not be entrusted to any third party without written permission from Hub Transport Planning Ltd. However, should any information contained within this report be used by any unauthorised third party, it is done so entirely at their own risk and shall not be the responsibility of Hub Transport Planning Ltd.
- 1.6 This report has been compiled using data from a number of external sources (such as public transport information); these sources are considered to be trustworthy and therefore the data provided is considered to be accurate and relevant at the time of preparing this report.

2.0 Local Highway Network

Site Location

- 2.1 The proposed development is located to the east of the village of Sharnbrook, and is bound by Templars Way to the south, a railway line to the east and open fields to the north and west.
- 2.2 Sharnbrook is a village located close to the A6, between Bedford and Kettering, C8.0 kilometres south of Rushden.

Local Highway Network

- 2.3 Templars Way is a c.5.0 - 5.5 metre wide single carriageway (which widens in excess of c.70 metres as it approaches the junction with Kennell Hill), and subject to a 30mph speed restriction. A footway is located on the northern side of Templars Way, measuring c.1.5 metres in width and providing a connection southwest to Sharnbrook Village Centre.
- 2.4 To the southwest, Templars Way forms a priority junction with Kennell Hill and Mill Road. Mill Road provides a connection east to the A6, whilst Kennell Hill provides a connection west to Sharnbrook High Street.
- 2.5 To the northeast, Templars Way also provides a link to the A6 and thus the wider strategic highway network.

Personal Injury Accident Data

- 2.6 In order to establish road safety conditions on the highway network in the vicinity of the site, reference has been made to the Crashmap website. Consideration has been given to Templars Way between and including the junctions with the A6 to the northeast and the priority junction with Kennell Hill and Mill Road to the southwest.
- 2.7 Over the most recent five-year period (2014-2018), there have been three accidents. Two of which were classified as 'slight' in severity and one of which was classified as 'serious'. The slight accidents occurred on Mill Lane, in close proximity to the Templars Way priority junction, whilst the single serious accident occurred on the A6, in close proximity with the Templars Way priority junction. It was noted that the serious accident, and one of the slight accidents involved a single vehicle, with no other vehicles involved.
- 2.8 The low number of accidents over a five-year period, does not give rise for a safety concern on the local highway network.
- 2.9 A plan indicating the location of the search area is included as **Appendix A**.

3.0 Proposed Development

Access Arrangements

- 3.1 It is proposed that the residential development is accessed from a priority junction with Templars Way.
- 3.2 An indicative arrangement has been prepared and can be seen in **Drawing T19620.001**. The proposed access takes the form of a 5.5 metre road with 6.0 metre radii, and two metre footways are provided on either side, connecting with the existing infrastructure on Templars Way
- 3.3 Visibility at the junction has been shown at 2.4 x 59 metres, which is considered suitable for typical 85th percentile speeds on a 30 mph road, in accordance with MfS guidance.
- 3.4 A Public Right of Way (PROW) runs along the site’s south-western boundary and links to Park Lane to the north, and to a pedestrian railway bridge to the northeast.

Traffic Generation

- 3.5 It is anticipated that the development will provide up to c.70 residential dwellings.
- 3.6 In order to determine the likely vehicle movements associated with the proposed residential use; the TRICS (7.6.3) database has been interrogated. The trip rates that have been extracted from the database are based upon the following search parameters:
 - Land Use – Residential, Private Housing;
 - Regions – England, Scotland, Wales (excluding Greater London);
 - Number of Units – Up to 500 dwellings;
 - Date Range – 01/01/2011 to 08/07/19;
 - Selected Days – Weekdays; and,
 - Selected Locations – Neighbourhood Centre, Edge of Town, Suburban Area.
- 3.7 Copies of these TRICS output reports are provided at **Appendix B**, while a summary of the trip rates and subsequent trip attraction during the peak hours are provided in **Table 1**.

Table 1 – Residential Trip Rates

Peak Period	Trip Rate (per dwelling)		Trips (70 dwellings)		Total
	In	Out	In	Out	
AM	0.146	0.386	10	27	37
PM	0.353	0.169	25	12	37

NB: AM peak is 08:00-09:00 and PM peak is 17:00-18:00; trips have been rounded.

T19560

Templars Way, Sharnbrook



-
- 3.8 It is clear from **Table 2** that the new trips (to the local highway network) resulting from the proposed residential development will be low during the peak hours, significantly less than one vehicle a minute (two-way) during any peak period.

4.0 Sustainable Transport Review

Sustainable Transport Accessibility

- 4.1 It is generally accepted that walking and cycling provide important alternatives to the private car, and should also be encouraged to form part of longer journeys via public transport.
- 4.2 With regards to walking, Manual for Streets (MfS) states that ‘walkable neighbourhoods’ are typically characterised by having a range of facilities within 10 minutes (up to about 800m) walking distance of residential areas which residents may access comfortably on foot.
- 4.3 MfS also states that the 800m walking distance is not an upper limit and references the former PPG13 guidance in respect of walking replacing short car trips, particularly those under 2km.
- 4.4 In addition to the above, it is pertinent to note that the National Travel Survey (published in July 2019), which provides a summary of the results of travel survey data for 2018, reports that the average walk trip distance with walk as the primary mode is 1.28 kilometres.
- 4.5 As such it is reasonable to assume that the average person will walk up to 1.28 kilometres to a defined destination (such as local facilities).
- 4.6 There is potential for short car trips to be substituted for cycle trips, and for longer trips to be substituted by a combination of cycle and public transport trips. Guidance suggests that 5km is a useful benchmark for a commutable distance by cycle.
- 4.7 The National Travel Survey 2019, highlights that the average cycle trip for 2018 was 6.13 kilometres.

Local Facilities

- 4.8 Sharnbrook Village Centre is located c.880 metres west of the site and benefits from a range of key local facilities as highlighted in **Table 2** overleaf. Sharnbrook Academy School and Sixth Form is located to the southwestern end of the village, c.2.2 kilometres from the centre of the site.

Table 2 – Local Facilities

Facility	Distance (Approx)
The Fordham Arms	180m
The Spice Tree	180m
Sharnbrook News	770m
Sharnbrook John Gibbard Lower School	835m
Swan with Two Nicks	855m
Cooperative Convenience Store	855m
Pharmacy	930m
Parish Church of St Peter	1.1km
Playing Pitches	1.45km
Sharnbrook Village Hall	1.42km
Sharnbrook Community Sports Centre	2.2km
Sharnbrook Academy School and Sixth Form	2.2km

Local Cycle Routes

- 4.9 Templars Way and Kennell Hill provide a connection west to the village centre and are subject to a 30 mph speed restriction. This route to the village centre is c.880 metres and is considered suitable for use by cyclists.
- 4.10 Sharnbrook Academy School and Sixth Form is located c.2.2 kilometres from the centre of the site via residential streets; Church Lane, Odell Road and School Approach. These roads are subject to a 30 mph speed restriction and considered suitable for use by cyclists.

Local Bus Services

- 4.11 The nearest bus stops are located adjacent to the site on Templars Way and are served by the number 50 stagecoach service and the VL11 villager community bus.
- 4.12 The number 50 stagecoach services runs hourly, Monday to Saturday between Kettering, Rushden and Bedford. On Sundays the service runs every 2 hours in either direction.
- 4.13 The first service of the day towards Bedford departs at 06:00 and arrives at 06:45, whilst the returning service runs until 20:19. It is therefore considered that the number 50 service is suitable for those residents commuting for work in Bedford, as well as for leisure trips.
- 4.14 The first service of the day towards Rushden and Kettering departs at 07:18 and arrives at 07:34 in Rushden and 0847 in Kettering. The last returning service departs Kettering at 18:38 and Rushden at 19:20. It is therefore considered that the number 50 service is also suitable for those residents commuting for work in Rushden and Kettering, as well as for leisure trips.
- 4.15 The VL11 villager community bus runs a return service on the 2nd and 4th Wednesday of every month between Sharnbrook, Harrold, Carton and Clapham.

Summary

- 4.16 The development benefits from a regular bus service to employment, leisure and shopping destinations immediately adjacent to the site, and a wide range of facilities are located within a reasonable walk distance in Sharnbrook Village Centre.

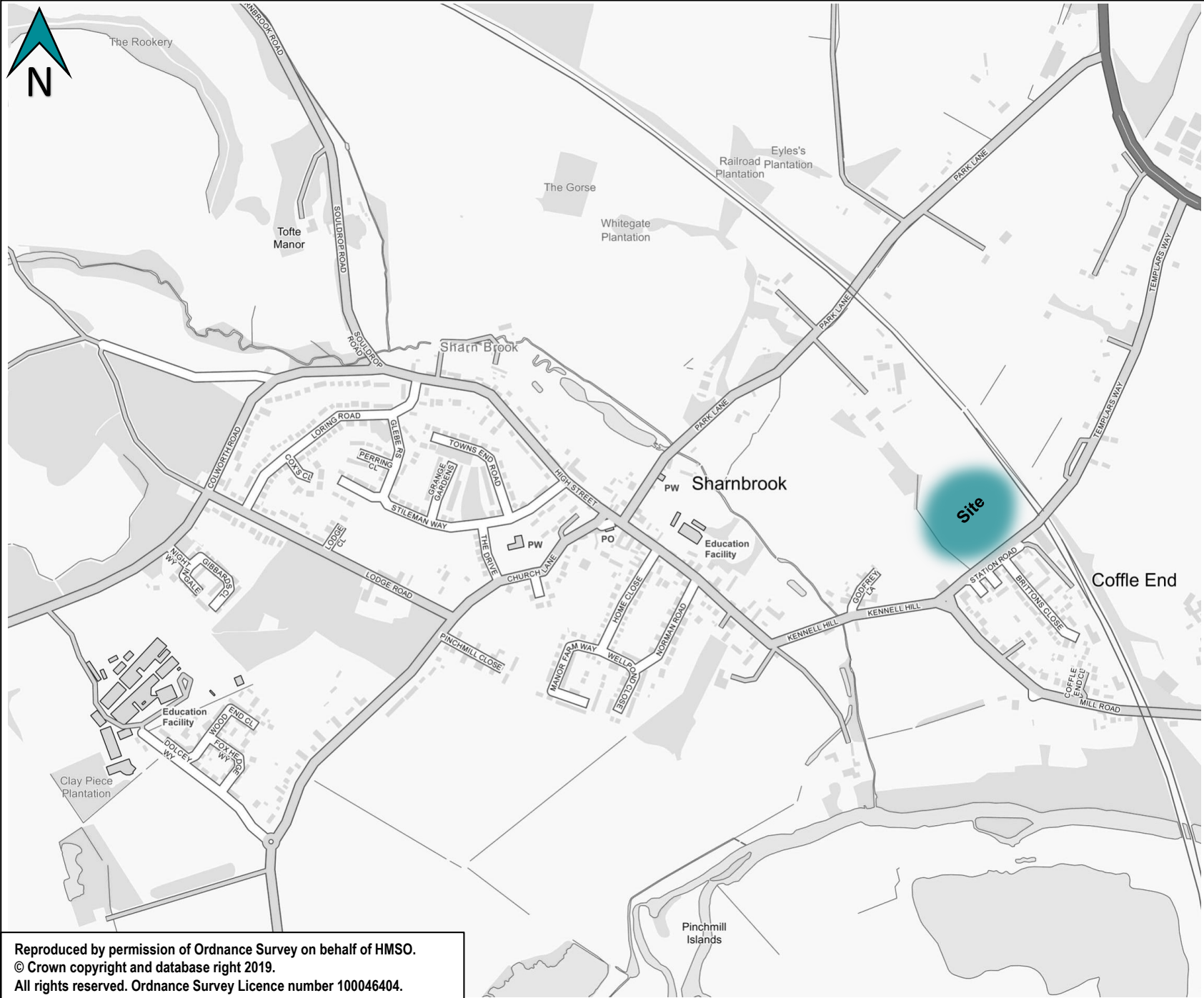
5.0 Summary

- 5.1 Hub Transport Planning Ltd has been commissioned by Glenalmond Developments to provide transport advice for a proposed residential development off Templars Way, Sharnbrook.
- 5.2 It is considered that the site has the potential to deliver up to c.70 residential dwellings.
- 5.3 This report has demonstrated the following:
- The site can be suitably accessed from a proposed priority junction with Templars Way which is afforded with appropriate visibility;
 - The site is located in close proximity to a range of local services, including schools, a pharmacy and convenience store;
 - A regular stagecoach service is available immediately adjacent to the site, providing a link to Rushden, Kettering and Bedford; and,
 - The development is not anticipated to generate a significant number of trips during the peak hour periods; less than one vehicle movement per minute.

T19560
Templars Way, Sharnbrook



Figures



Reproduced by permission of Ordnance Survey on behalf of HMSO.
 © Crown copyright and database right 2019.
 All rights reserved. Ordnance Survey Licence number 100046404.



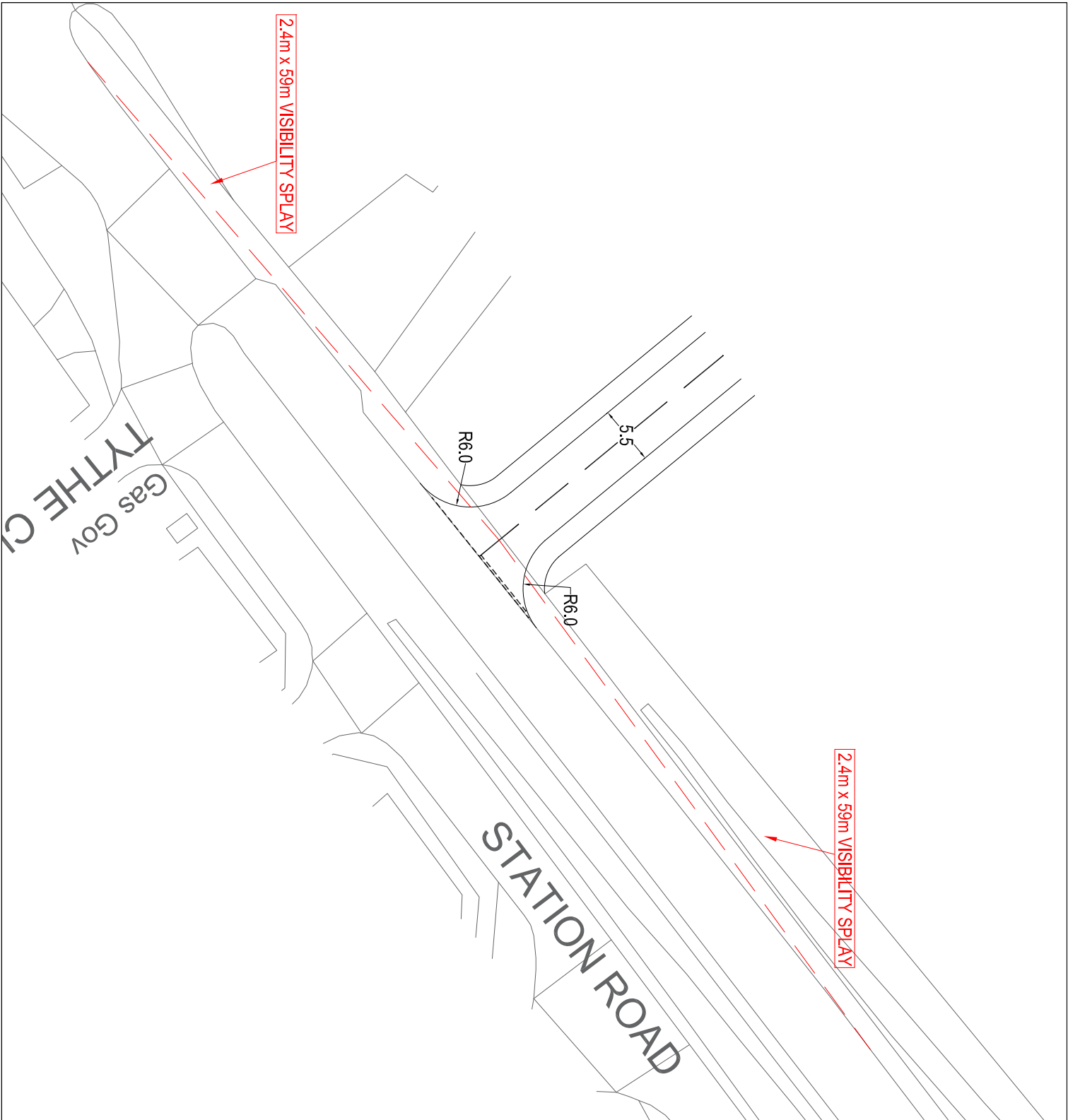
hub
 TRANSPORT PLANNING LTD

Not to Scale
 Templars Way
 Sharnbrook
Figure 1.1 – Site Location Plan

T19560
Templars Way, Sharnbrook



Drawings



1. THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES.
2. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AND LEVELS ON SITE.

REV	DESCRIPTION	DATE	BY	AUTH



Hub Transport Planning Ltd
 Radclyffe House
 66/68 Hagley Road
 Edgbaston
 Birmingham
 West Midlands
 B16 9PF
 T : 0121 454 5530

CLIENT
GLENALMOND DEVELOPMENTS

PROJECT
TEMPLARS WAY, SHARNBROOK

TITLE
PROPOSED SITE ACCESS

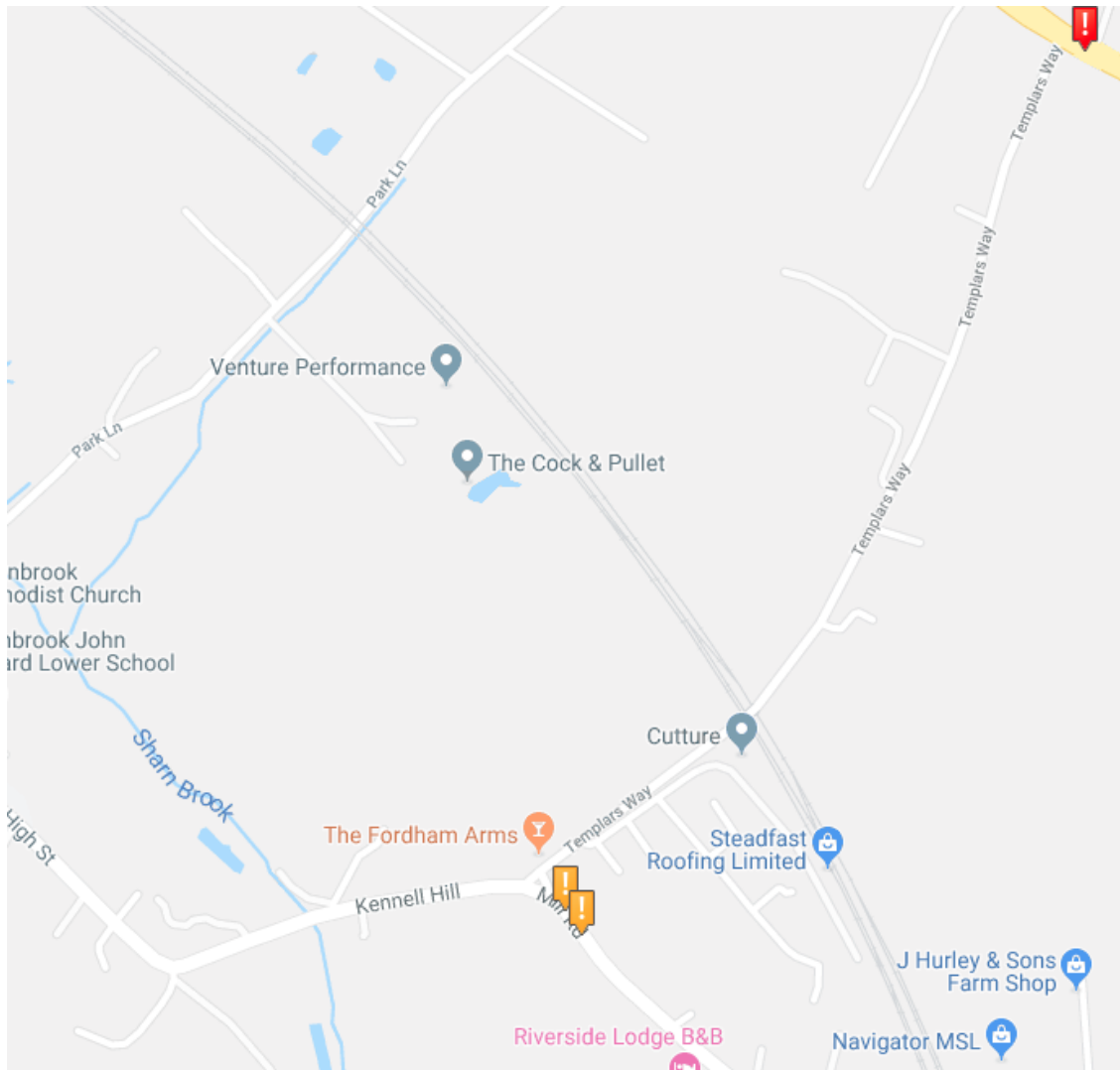
DRAWN	AUTHORISED	SCALE	SHEET SIZE	DATE
LB	JP	1:500	A4	27.11.19
PROJECT NO.	DRAWING NO.	REV		
T19620	001	-		

T19560
Templars Way, Sharnbrook



Appendix A

Crashmap



(Source: DfT, Google, www.crashmap.co.uk)

T19560
Templars Way, Sharnbrook



Appendix B

TRICS

Calculation Reference: AUDIT-141301-191127-1157

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
 Category : A - HOUSES PRIVATELY OWNED
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	2 days
	HC HAMPSHIRE	3 days
	HF HERTFORDSHIRE	1 days
	KC KENT	3 days
	SC SURREY	1 days
	WS WEST SUSSEX	4 days
03	SOUTH WEST	
	DV DEVON	3 days
	SM SOMERSET	3 days
	WL WILTSHIRE	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	3 days
	NF NORFOLK	1 days
	SF SUFFOLK	2 days
05	EAST MIDLANDS	
	LE LEICESTERSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
	ST STAFFORDSHIRE	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	5 days
	SY SOUTH YORKSHIRE	1 days
	WY WEST YORKSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	4 days
	GM GREATER MANCHESTER	1 days
09	NORTH	
	DH DURHAM	1 days
10	WALES	
	PS POWYS	1 days
	VG VALE OF GLAMORGAN	1 days
11	SCOTLAND	
	AG ANGUS	1 days
	HI HIGHLAND	1 days
	PK PERTH & KINROSS	1 days

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

Secondary Filtering 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 dwellings
Actual Range: 7 to 363 (units:)
Range Selected by User: 5 to 500 (units:)

Parking Spaces Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/11 to 08/07/19

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	9 days
Tuesday	10 days
Wednesday	13 days
Thursday	11 days
Friday	6 days

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

Selected survey types:

Manual count	49 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)	21
Edge of Town	22
Neighbourhood Centre (PPS6 Local Centre)	6

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	42
Village	5
No Sub Category	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.

Secondary Filtering selection:

Use Class:

C3	49 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	9 days
5,001 to 10,000	10 days
10,001 to 15,000	9 days
15,001 to 20,000	10 days
20,001 to 25,000	6 days
25,001 to 50,000	4 days

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

Secondary Filtering selection (Cont.):

Population within 5 miles:

5,001 to 25,000	7 days
25,001 to 50,000	5 days
50,001 to 75,000	8 days
75,001 to 100,000	10 days
100,001 to 125,000	2 days
125,001 to 250,000	15 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:

1.1 to 1.5	48 days
1.6 to 2.0	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:

Yes	12 days
No	37 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.

PTAL Rating:

No PTAL Present	49 days
-----------------	---------

This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

1	AG-03-A-01 KEPTIE ROAD ARBROATH	BUNGALOWS/DET.	ANGUS
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 7 <i>Survey date: TUESDAY 22/05/12</i>		<i>Survey Type: MANUAL</i>
2	CA-03-A-04	DETACHED	CAMBRI DGESHI RE
	PETERBOROUGH THORPE PARK ROAD Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 9 <i>Survey date: TUESDAY 18/10/11</i>		<i>Survey Type: MANUAL</i>
3	CA-03-A-05	DETACHED HOUSES	CAMBRI DGESHI RE
	EASTFIELD ROAD PETERBOROUGH Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 28 <i>Survey date: MONDAY 17/10/16</i>		<i>Survey Type: MANUAL</i>
4	CA-03-A-06	MIXED HOUSES	CAMBRI DGESHI RE
	CRAFT'S WAY NEAR CAMBRIDGE BAR HILL Neighbourhood Centre (PPS6 Local Centre) Village Total Number of dwellings: 207 <i>Survey date: FRIDAY 22/06/18</i>		<i>Survey Type: MANUAL</i>
5	CH-03-A-08	DETACHED	CHESHI RE
	WHITCHURCH ROAD CHESTER BOUGHTON HEATH Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 11 <i>Survey date: TUESDAY 22/05/12</i>		<i>Survey Type: MANUAL</i>
6	CH-03-A-09	TERRACED HOUSES	CHESHI RE
	GREYSTOKE ROAD MACCLESFIELD HURDSFIELD Edge of Town Residential Zone Total Number of dwellings: 24 <i>Survey date: MONDAY 24/11/14</i>		<i>Survey Type: MANUAL</i>
7	CH-03-A-10	SEMI-DETACHED & TERRACED	CHESHI RE
	MEADOW DRIVE NORTHWICH BARNTON Edge of Town Residential Zone Total Number of dwellings: 40 <i>Survey date: TUESDAY 04/06/19</i>		<i>Survey Type: MANUAL</i>
8	CH-03-A-11	TOWN HOUSES	CHESHI RE
	LONDON ROAD NORTHWICH LEFTWICH Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 24 <i>Survey date: THURSDAY 06/06/19</i>		<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

9	DH-03-A-03 PILGRIMS WAY DURHAM	SEMI -DETACHED & TERRACED		DURHAM
	Edge of Town Residential Zone Total Number of dwellings:		57	
			<i>Survey date: FRIDAY</i>	<i>19/10/18</i>
				<i>Survey Type: MANUAL</i>
10	DV-03-A-01 BRONSHILL ROAD TORQUAY	TERRACED HOUSES		DEVON
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings:		37	
			<i>Survey date: WEDNESDAY</i>	<i>30/09/15</i>
				<i>Survey Type: MANUAL</i>
11	DV-03-A-02 MILLHEAD ROAD HONITON	HOUSES & BUNGALOWS		DEVON
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings:		116	
			<i>Survey date: FRIDAY</i>	<i>25/09/15</i>
				<i>Survey Type: MANUAL</i>
12	DV-03-A-03 LOWER BRAND LANE HONITON	TERRACED & SEMI DETACHED		DEVON
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings:		70	
			<i>Survey date: MONDAY</i>	<i>28/09/15</i>
				<i>Survey Type: MANUAL</i>
13	ES-03-A-02 SOUTH COAST ROAD PEACEHAVEN	PRIVATE HOUSING		EAST SUSSEX
	Edge of Town Residential Zone Total Number of dwellings:		37	
			<i>Survey date: FRIDAY</i>	<i>18/11/11</i>
				<i>Survey Type: MANUAL</i>
14	ES-03-A-03 SHEPHAM LANE POLEGATE	MIXED HOUSES & FLATS		EAST SUSSEX
	Edge of Town Residential Zone Total Number of dwellings:		212	
			<i>Survey date: MONDAY</i>	<i>11/07/16</i>
				<i>Survey Type: MANUAL</i>
15	GM-03-A-10 BUTT HILL DRIVE MANCHESTER PRESTWICH	DETACHED/SEMI		GREATER MANCHESTER
	Edge of Town Residential Zone Total Number of dwellings:		29	
			<i>Survey date: WEDNESDAY</i>	<i>12/10/11</i>
				<i>Survey Type: MANUAL</i>
16	HC-03-A-20 CANADA WAY LIPHOOK	HOUSES & FLATS		HAMPSHIRE
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings:		62	
			<i>Survey date: TUESDAY</i>	<i>20/11/18</i>
				<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

17	HC-03-A-21 PRIESTLEY ROAD BASINGSTOKE HOUNDMILLS Edge of Town Residential Zone Total Number of dwellings: 39 <i>Survey date: TUESDAY 13/11/18</i>	TERRACED & SEMI -DETACHED	HAMPSHIRE	<i>Survey Type: MANUAL</i>
18	HC-03-A-22 BOW LAKE GARDENS NEAR EASTLEIGH BISHOPSTOKE Edge of Town Residential Zone Total Number of dwellings: 40 <i>Survey date: WEDNESDAY 31/10/18</i>	MIXED HOUSES	HAMPSHIRE	<i>Survey Type: MANUAL</i>
19	HF-03-A-03 HARE STREET ROAD BUNTINGFORD Edge of Town Residential Zone Total Number of dwellings: 160 <i>Survey date: MONDAY 08/07/19</i>	MIXED HOUSES	HERTFORDSHIRE	<i>Survey Type: MANUAL</i>
20	HI-03-A-14 KING BRUDE ROAD INVERNESS SCORGUIE Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 40 <i>Survey date: WEDNESDAY 23/03/16</i>	SEMI -DETACHED & TERRACED	HIGHLAND	<i>Survey Type: MANUAL</i>
21	KC-03-A-03 HYTHE ROAD ASHFORD WILLESBOROUGH Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 51 <i>Survey date: THURSDAY 14/07/16</i>	MIXED HOUSES & FLATS	KENT	<i>Survey Type: MANUAL</i>
22	KC-03-A-06 MARGATE ROAD HERNE BAY Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 363 <i>Survey date: WEDNESDAY 27/09/17</i>	MIXED HOUSES & FLATS	KENT	<i>Survey Type: MANUAL</i>
23	KC-03-A-07 RECVLVER ROAD HERNE BAY Edge of Town Residential Zone Total Number of dwellings: 288 <i>Survey date: WEDNESDAY 27/09/17</i>	MIXED HOUSES	KENT	<i>Survey Type: MANUAL</i>
24	LE-03-A-02 MELBOURNE ROAD IBSTOCK Neighbourhood Centre (PPS6 Local Centre) Village Total Number of dwellings: 85 <i>Survey date: THURSDAY 28/06/18</i>	DETACHED & OTHERS	LEICESTERSHIRE	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

25	NF-03-A-02 DEREHAM ROAD NORWICH	HOUSES & FLATS		NORFOLK
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 98 <i>Survey date: MONDAY 22/10/12</i>			
	<i>Survey Type: MANUAL</i>			
26	NY-03-A-06 HORSEFAIR BOROUGHBRIDGE	BUNGALOWS & SEMI DET.		NORTH YORKSHIRE
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 115 <i>Survey date: FRIDAY 14/10/11</i>			
	<i>Survey Type: MANUAL</i>			
27	NY-03-A-07 CRAVEN WAY BOROUGHBRIDGE	DETACHED & SEMI DET.		NORTH YORKSHIRE
	Edge of Town No Sub Category Total Number of dwellings: 23 <i>Survey date: TUESDAY 18/10/11</i>			
	<i>Survey Type: MANUAL</i>			
28	NY-03-A-09 GRAMMAR SCHOOL LANE NORTHALLERTON	MIXED HOUSING		NORTH YORKSHIRE
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 52 <i>Survey date: MONDAY 16/09/13</i>			
	<i>Survey Type: MANUAL</i>			
29	NY-03-A-10 BOROUGHBRIDGE ROAD RIPON	HOUSES AND FLATS		NORTH YORKSHIRE
	Edge of Town No Sub Category Total Number of dwellings: 71 <i>Survey date: TUESDAY 17/09/13</i>			
	<i>Survey Type: MANUAL</i>			
30	NY-03-A-11 HORSEFAIR BOROUGHBRIDGE	PRIVATE HOUSING		NORTH YORKSHIRE
	Edge of Town Residential Zone Total Number of dwellings: 23 <i>Survey date: WEDNESDAY 18/09/13</i>			
	<i>Survey Type: MANUAL</i>			
31	PK-03-A-01 TULLYLUMB TERRACE PERTH CORNHILL	DETAC. & BUNGALOWS		PERTH & KINROSS
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 36 <i>Survey date: WEDNESDAY 11/05/11</i>			
	<i>Survey Type: MANUAL</i>			
32	PS-03-A-02 GUNROG ROAD WELSHPOOL	DETACHED/SEMI-DETACHED		POWYS
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 28 <i>Survey date: MONDAY 11/05/15</i>			
	<i>Survey Type: MANUAL</i>			

LIST OF SITES relevant to selection parameters (Cont.)

33	SC-03-A-04 HIGH ROAD BYFLEET	DETACHED & TERRACED		SURREY
	Edge of Town Residential Zone			
	Total Number of dwellings:	71		
	Survey date: THURSDAY	23/01/14		Survey Type: MANUAL
34	SF-03-A-06 BURY ROAD KENTFORD	DETACHED & SEMI-DETACHED		SUFFOLK
	Neighbourhood Centre (PPS6 Local Centre) Village			
	Total Number of dwellings:	38		
	Survey date: FRIDAY	22/09/17		Survey Type: MANUAL
35	SF-03-A-07 FOXHALL ROAD IPSWICH	MIXED HOUSES		SUFFOLK
	Suburban Area (PPS6 Out of Centre) Residential Zone			
	Total Number of dwellings:	73		
	Survey date: THURSDAY	09/05/19		Survey Type: MANUAL
36	SH-03-A-05 SANDCROFT TELFORD SUTTON HILL	SEMI-DETACHED/TERRACED		SHROPSHIRE
	Edge of Town Residential Zone			
	Total Number of dwellings:	54		
	Survey date: THURSDAY	24/10/13		Survey Type: MANUAL
37	SM-03-A-01 WEMBDON ROAD BRIDGWATER NORTHFIELD	DETACHED & SEMI		SOMERSET
	Edge of Town Residential Zone			
	Total Number of dwellings:	33		
	Survey date: THURSDAY	24/09/15		Survey Type: MANUAL
38	SM-03-A-02 HYDE LANE NEAR TAUNTON CREECH SAINT MICHAEL	MIXED HOUSES		SOMERSET
	Neighbourhood Centre (PPS6 Local Centre) Village			
	Total Number of dwellings:	42		
	Survey date: TUESDAY	25/09/18		Survey Type: MANUAL
39	SM-03-A-03 HYDE LANE NEAR TAUNTON CREECH ST MICHAEL	MIXED HOUSES		SOMERSET
	Neighbourhood Centre (PPS6 Local Centre) Village			
	Total Number of dwellings:	41		
	Survey date: TUESDAY	25/09/18		Survey Type: MANUAL
40	ST-03-A-07 BEACONSIDE STAFFORD MARSTON GATE	DETACHED & SEMI-DETACHED		STAFFORDSHIRE
	Edge of Town Residential Zone			
	Total Number of dwellings:	248		
	Survey date: WEDNESDAY	22/11/17		Survey Type: MANUAL
41	ST-03-A-08 SILKMORE CRESCENT STAFFORD MEADOWCROFT PARK	DETACHED HOUSES		STAFFORDSHIRE
	Edge of Town Residential Zone			
	Total Number of dwellings:	26		
	Survey date: WEDNESDAY	22/11/17		Survey Type: MANUAL

MANUALLY DESELECTED SITES (Cont.)

Site Ref	Reason for Deselection
SH-03-A-06	Bungalows
WS-03-A-07	Bungalows
WS-03-A-10	Terraced

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
 VEHICLES

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	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	49	78	0.081	49	78	0.298	49	78	0.379
08:00 - 09:00	49	78	0.146	49	78	0.386	49	78	0.532
09:00 - 10:00	49	78	0.157	49	78	0.184	49	78	0.341
10:00 - 11:00	49	78	0.129	49	78	0.166	49	78	0.295
11:00 - 12:00	49	78	0.145	49	78	0.158	49	78	0.303
12:00 - 13:00	49	78	0.163	49	78	0.157	49	78	0.320
13:00 - 14:00	49	78	0.172	49	78	0.163	49	78	0.335
14:00 - 15:00	49	78	0.175	49	78	0.194	49	78	0.369
15:00 - 16:00	49	78	0.257	49	78	0.174	49	78	0.431
16:00 - 17:00	49	78	0.287	49	78	0.167	49	78	0.454
17:00 - 18:00	49	78	0.353	49	78	0.169	49	78	0.522
18:00 - 19:00	49	78	0.280	49	78	0.172	49	78	0.452
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.345			2.388			4.733

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.*

The survey data, graphs and all associated supporting information, contained within the TRICS Database are published by TRICS Consortium Limited ("the Company") and the Company claims copyright and database rights in this published work. The Company authorises those who possess a current TRICS licence to access the TRICS Database and copy the data contained within the TRICS Database for the licence holders' use only. Any resulting copy must retain all copyrights and other proprietary notices, and any disclaimer contained thereon.

The Company accepts no responsibility for loss which may arise from reliance on data contained in the TRICS Database. [No warranty of any kind, express or implied, is made as to the data contained in the TRICS Database.]

Parameter summary

Trip rate parameter range selected: 7 - 363 (units:)
 Survey date range: 01/01/11 - 08/07/19
 Number of weekdays (Monday-Friday): 49
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys automatically removed from selection: 3
 Surveys manually removed from selection: 7

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.