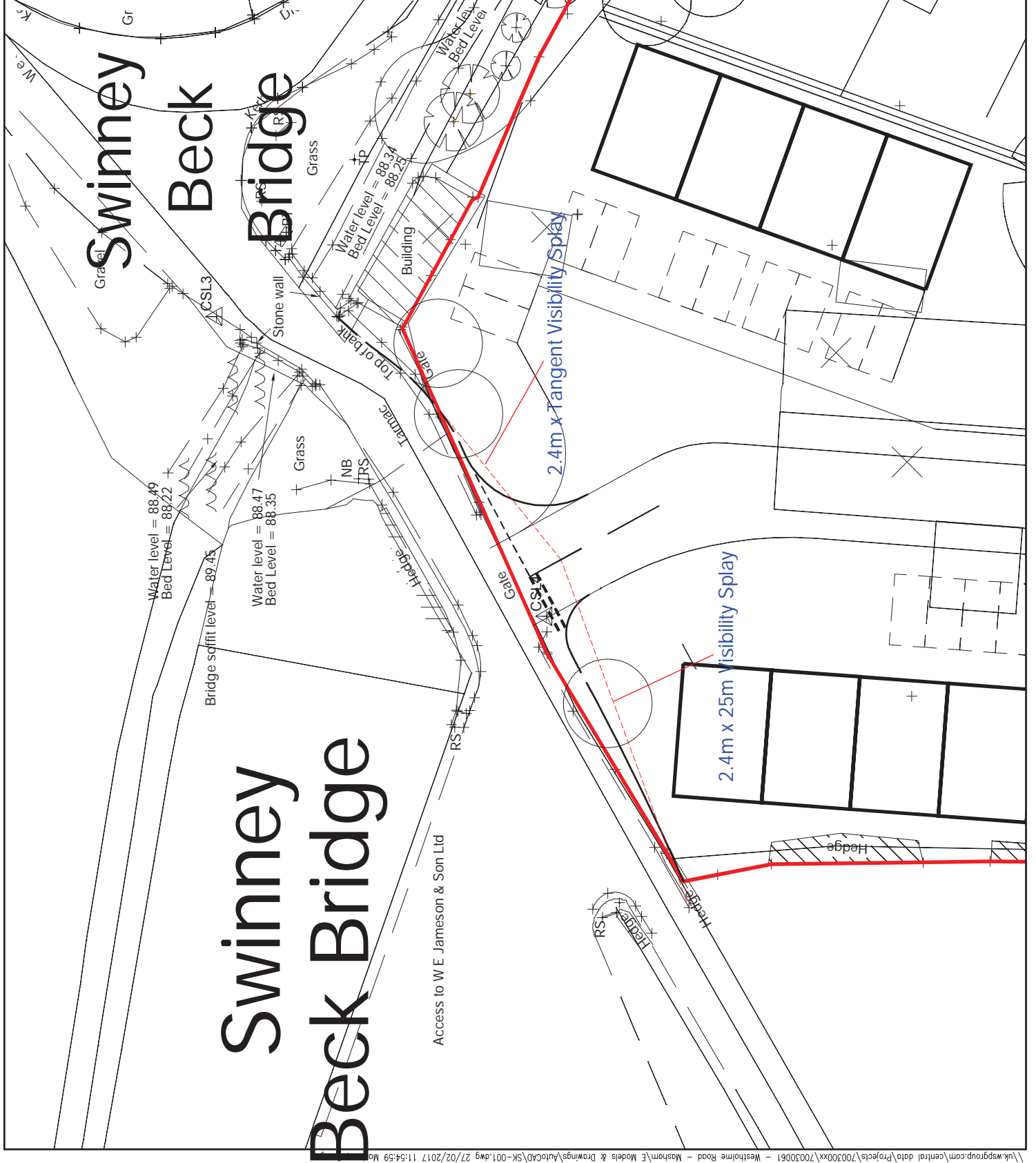


Appendix F

PROPOSED ACCESS ARRANGEMENTS & VISIBILITY SPLAYS

DO NOT SCALE



Swinney Beck Bridge

Swinney Beck Bridge

Access to W E Jameson & Son Ltd

DRAWING STATUS: FOR INFORMATION ONLY



Three White Rose Office Park, Millstow Park Lane, Leeds LS11 0DT
Tel: +44 (0)113 395 6200 Fax: +44 (0)113 395 6201
www.wspgroup.com www.pbworld.com

CLIENT: G & C JAMESON & SON LIMITED

ARCHITECT: P+HS

PROJECT: WESTHOLME ROAD, MASHAM

TITLE: PROPOSED ACCESS ARRANGEMENTS

SCALE @ A1:	1:250	CHECKED:	AMM	APPROVED:	AMM
CAD FILE:	SK-001	DESIGN/DRAWN:	BH	DATE:	FEBRUARY 2017
PROJECT NO:	70030061	DRAWING NO:	SK-001	REF:	A

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Appendix G

SWEPT PATH ANALYSIS OF A 7.5 TONNE BOX VAN



DO NOT SCALE

REV	DATE	BY	FIRST ISSUE	DESCRIPTION	CHK	APP
A	14/02/17	BH			AMM	AMM

DRAWING STATUS: **FOR INFORMATION ONLY**

WSP | **PARSONS BRINCKERHOFF**

Three White Rose Office Park, Millstow Park Lane, Leeds LS11 0DT
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CLIENT: **G & C JAMESON & SON LIMITED**

ARCHITECT: **P+HS**

PROJECT: **WESTHOLME ROAD, MASHAM**

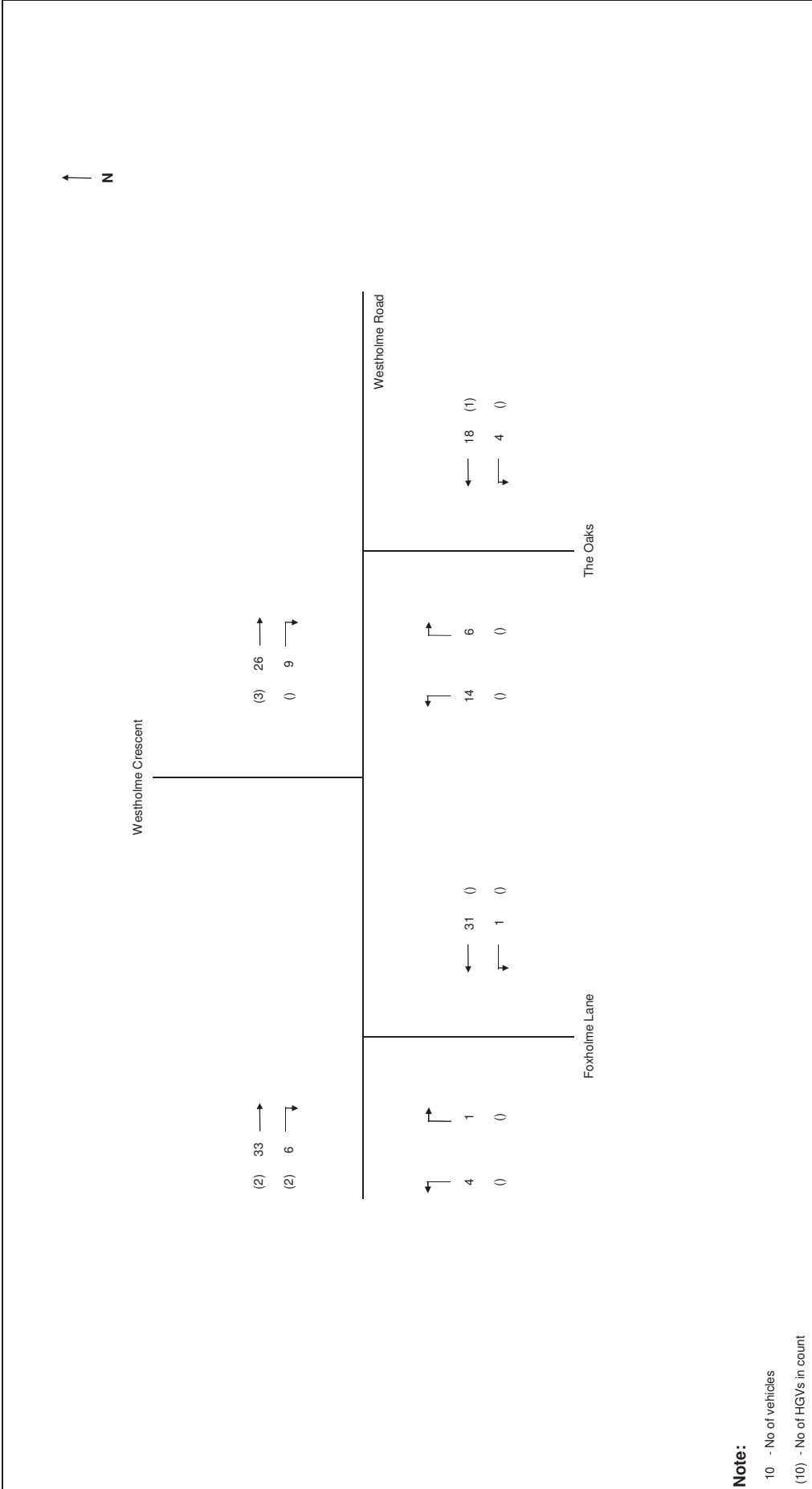
TITLE: **SWEPT PATH ANALYSIS OF A 7.5 TONNE BOX VAN**

SCALE @ A1:	1:250	CHECKED:	AMM	APPROVED:	AMM
CAD FILE:	ATR-001	DESIGN/DRAWN:	BH	DATE:	FEBRUARY 2017
PROJECT NO:	70030061	DRAWING NO:	ATR-001	REF:	A

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Appendix H

SURVEY RESULTS



Project: Westholme Road, Masham

Count Flows
08:00 - 09:00 hrs

S:\Westholme Road, Masham\ANALYSIS\SPREADSHEETS\110317 - Traffic Flows.xls\AM Counts

Figure: **5**



Appendix I

TRICS OUTPUT

TRICS 7.3.4

Trip Rate P: Number of dwellings

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

Ranking Type: TOTALS Time Range: 08:00-09:00

85th/15th Percentile Survey Not Highlighted

Rank	Site Ref	Description	Town/City	DWELLS	Day	Date	Arrivals	Departures	Totals	Parking Spaces Per Dwelling
1	CB-03-A-03	SEMI DETACHED	WORKINGTON	40	Thursday	20/11/2008	0.45	1.425	1.875	3.1
2	DV-03-A-03	TERRACED & SEMI DETACHED	HONITON	70	Monday	28/09/2015	0.243	1.157	1.4	1.66
3	NY-03-A-10	HOUSES AND FLATS	RIPON	71	Tuesday	17/09/2013	0.254	0.986	1.24	0.83
4	DV-03-A-01	TERRACED HOUSES	TORQUAY	37	Wednesday	30/09/2015	0.189	1	1.189	2.78
5	NY-03-A-09	MIXED HOUSING	NORTHALLERTON	52	Monday	16/09/2013	0.327	0.75	1.077	2.6
6	SY-03-A-01	SEMI DETACHED HOUSES	DONCASTER	54	Wednesday	18/09/2013	0.074	0.944	1.018	1.13
7	SM-03-A-01	DETACHED & SEMI	BRIDGWATER	33	Thursday	24/09/2015	0.212	0.727	0.939	3.97
8	CB-03-A-04	SEMI DETACHED	WORKINGTON	82	Friday	24/04/2009	0.207	0.695	0.902	1.74
9	NF-03-A-02	HOUSES & FLATS	NORWICH	98	Monday	22/10/2012	0.173	0.633	0.806	2.24
10	SH-03-A-05	SEMI-DETACHED/TERRACED	TELFORD	54	Thursday	24/10/2013	0.222	0.574	0.796	1.17

TRICS 7.3.4

Trip Rate P: Number of dwellings

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

Ranking Type: TOTALS Time Range: 17:00-18:00

85th/15th Percentile Survey Not Highlighted

Rank	Site Ref	Description	Town/City	DWELLS	Day	Date	Arrivals	Departures	Totals	Parking Spaces Per Dwelling
1	NY-03-A-09	MIXED HOUSING	NORTHALLERTON	52	Monday	16/09/2013	0.827	0.269	1.096	2.6
2	CB-03-A-03	SEMI DETACHED	WORKINGTON	40	Thursday	20/11/2008	0.675	0.375	1.05	3.1
3	SM-03-A-01	DETACHED & SEMI	BRIDGWATER	33	Thursday	24/09/2015	0.667	0.303	0.97	3.97
4	DV-03-A-03	TERRACED & SEMI DETACHED	HONITON	70	Monday	28/09/2015	0.757	0.186	0.943	1.66
5	NY-03-A-10	HOUSES AND FLATS	RIPON	71	Tuesday	17/09/2013	0.803	0.113	0.916	0.83
6	CB-03-A-04	SEMI DETACHED	WORKINGTON	82	Friday	24/04/2009	0.561	0.244	0.805	1.74
7	NF-03-A-02	HOUSES & FLATS	NORWICH	98	Monday	22/10/2012	0.48	0.204	0.684	2.24
8	DV-03-A-01	TERRACED HOUSES	TORQUAY	37	Wednesday	30/09/2015	0.405	0.27	0.675	2.78
9	SH-03-A-05	SEMI-DETACHED/TERRACED	TELFORD	54	Thursday	24/10/2013	0.37	0.259	0.629	1.17
10	SY-03-A-01	SEMI DETACHED HOUSES	DONCASTER	54	Wednesday	18/09/2013	0.426	0.111	0.537	1.13

WSP STREET NAME TOWN/CITY

Licence No: 100304

Calculation Reference: AUDIT-100304-160621-0647

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
 Category : A - OFFICE

MULTI-MODAL VEHICLESSelected regions and areas:

02 SOUTH EAST	
ES EAST SUSSEX	1 days
HC HAMPSHIRE	1 days
KC KENT	3 days
SC SURREY	4 days
04 EAST ANGLIA	
SF SUFFOLK	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	4 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 70291 (units: sqm)
 Range Selected by User: 0 to 5000 (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:

Monday	4 days
Tuesday	10 days
Wednesday	1 days
Thursday	2 days
Friday	1 days

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

Selected survey types:

Manual count	18 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)	9
Edge of Town	9

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	4
Commercial Zone	6
Residential Zone	7

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	18 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:

Not Known	1 days
1,001 to 5,000	1 days
5,001 to 10,000	6 days
10,001 to 15,000	5 days
15,001 to 20,000	2 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:

Not Known	1 days
25,001 to 50,000	1 days
75,001 to 100,000	5 days
100,001 to 125,000	1 days
125,001 to 250,000	3 days
250,001 to 500,000	6 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:

0.5 or Less	1 days
0.6 to 1.0	9 days
1.1 to 1.5	7 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	10 days
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.

WSP STREET NAME TOWN/CITY

Licence No: 100304

LIST OF SITES relevant to selection parameters

1	DH-02-A-01	RPMI OFFICES	DURHAM
	BRINKBURN ROAD		
	DARLINGTON		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Gross floor area:	3372 sqm	
	Survey date: FRIDAY	05/11/10	Survey Type: MANUAL
2	DH-02-A-02	CONSTRUCTION COMPANY	DURHAM
	DURHAM ROAD		
	BOWBURN		
	NEAR DURHAM		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	2000 sqm	
	Survey date: TUESDAY	27/11/12	Survey Type: MANUAL
3	ES-02-A-11	HOUSING COMPANY	EAST SUSSEX
	THE SIDINGS		
	ORE VALLEY		
	HASTINGS		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Gross floor area:	186 sqm	
	Survey date: TUESDAY	17/11/15	Survey Type: MANUAL
4	HC-02-A-11	DIY CO. HQ	HAMPSHIRE
	CHESTNUT AVENUE		
	CHANDLER'S FORD		
	Edge of Town		
	Commercial Zone		
	Total Gross floor area:	26100 sqm	
	Survey date: MONDAY	17/10/11	Survey Type: MANUAL
5	KC-02-A-06	LAND REGISTRY	KENT
	FOREST ROAD		
	CAMDEN PARK		
	TUNBRIDGE WELLS		
	Edge of Town		
	Residential Zone		
	Total Gross floor area:	5677 sqm	
	Survey date: TUESDAY	01/12/09	Survey Type: MANUAL
6	KC-02-A-07	KCC HIGHWAYS REG.	KENT
	KAVELIN WAY		
	HENWOOD IND. ESTATE		
	ASHFORD		
	Edge of Town		
	Commercial Zone		
	Total Gross floor area:	2525 sqm	
	Survey date: MONDAY	05/12/11	Survey Type: MANUAL
7	KC-02-A-08	KCC HIGHWAYS REG. OFFICE	KENT
	ST MICHAEL'S CLOSE		
	CLAY WOOD		
	AYLESFORD		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	3168 sqm	
	Survey date: MONDAY	28/11/11	Survey Type: MANUAL

WSP STREET NAME TOWN/CITY

Licence No: 100304

LIST OF SITES relevant to selection parameters (Cont.)

8	LC-02-A-09	OFFICES	LANCASHIRE
	FURTHERGATE		
	BLACKBURN		
	Suburban Area (PPS6 Out of Centre)		
	Built-Up Zone		
	Total Gross floor area:	2600 sqm	
	Survey date: <i>TUESDAY</i>	<i>04/06/13</i>	<i>Survey Type: MANUAL</i>
9	SC-02-A-14	UNILEVER	SURREY
	SPRINGFIELD DRIVE		
	LEATHERHEAD		
	Edge of Town		
	Commercial Zone		
	Total Gross floor area:	19974 sqm	
	Survey date: <i>TUESDAY</i>	<i>10/03/09</i>	<i>Survey Type: MANUAL</i>
10	SC-02-A-15	ACCOUNTANTS	SURREY
	BOXGROVE ROAD		
	GUILDFORD		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Gross floor area:	1896 sqm	
	Survey date: <i>TUESDAY</i>	<i>05/10/10</i>	<i>Survey Type: MANUAL</i>
11	SC-02-A-16	BANK OF AMERICA	SURREY
	STANHOPE ROAD		
	CAMBERLEY		
	Edge of Town		
	Commercial Zone		
	Total Gross floor area:	39230 sqm	
	Survey date: <i>TUESDAY</i>	<i>10/05/11</i>	<i>Survey Type: MANUAL</i>
12	SC-02-A-17	PHARMACEUTICALS	SURREY
	ST GEORGE'S AVENUE		
	THE HEATH		
	WEYBRIDGE		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Gross floor area:	10293 sqm	
	Survey date: <i>TUESDAY</i>	<i>18/10/11</i>	<i>Survey Type: MANUAL</i>
13	SF-02-A-01	COUNCIL OFFICES	SUFFOLK
	BEETONS WAY		
	BURY ST. EDMUNDS		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Gross floor area:	8000 sqm	
	Survey date: <i>MONDAY</i>	<i>27/09/10</i>	<i>Survey Type: MANUAL</i>
14	TW-02-A-03	DEVELOPMENT AGENCY	TYNE & WEAR
	KINGFISHER BOULEVARD		
	LEMINGTON		
	NEWCASTLE UPON TYNE		
	Edge of Town		
	Commercial Zone		
	Total Gross floor area:	6480 sqm	
	Survey date: <i>THURSDAY</i>	<i>11/12/08</i>	<i>Survey Type: MANUAL</i>

WSP STREET NAME TOWN/CITY

Licence No: 100304

LIST OF SITES relevant to selection parameters (Cont.)

15	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: <i>TUESDAY</i>	<i>29/09/09</i>	<i>Survey Type: MANUAL</i>
16	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: <i>TUESDAY</i>	<i>29/09/09</i>	<i>Survey Type: MANUAL</i>
17	TW-02-A-06	GOVERNMENT OFFICES	TYNE & WEAR
	BENTON PARK ROAD		
	Longbenton		
	NEWCASTLE UPON TYNE		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Gross floor area:	70291 sqm	
	Survey date: <i>WEDNESDAY</i>	<i>25/11/09</i>	<i>Survey Type: MANUAL</i>
18	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: <i>THURSDAY</i>	<i>17/06/10</i>	<i>Survey Type: MANUAL</i>

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.

WSP STREET NAME TOWN/CITY

Licence No: 100304

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

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 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	1	19974	0.000	1	19974	0.005	1	19974	0.005
05:30 - 06:00	1	19974	0.035	1	19974	0.010	1	19974	0.045
06:00 - 06:30	1	19974	0.080	1	19974	0.005	1	19974	0.085
06:30 - 07:00	2	45133	1.103	2	45133	0.225	2	45133	1.328
07:00 - 07:30	18	11062	0.666	18	11062	0.107	18	11062	0.773
07:30 - 08:00	18	11062	0.900	18	11062	0.157	18	11062	1.057
08:00 - 08:30	18	11062	1.079	18	11062	0.177	18	11062	1.256
08:30 - 09:00	18	11062	1.164	18	11062	0.150	18	11062	1.314
09:00 - 09:30	18	11062	0.831	18	11062	0.178	18	11062	1.009
09:30 - 10:00	18	11062	0.465	18	11062	0.138	18	11062	0.603
10:00 - 10:30	18	11062	0.301	18	11062	0.099	18	11062	0.400
10:30 - 11:00	18	11062	0.207	18	11062	0.100	18	11062	0.307
11:00 - 11:30	18	11062	0.207	18	11062	0.130	18	11062	0.337
11:30 - 12:00	18	11062	0.186	18	11062	0.197	18	11062	0.383
12:00 - 12:30	18	11062	0.251	18	11062	0.382	18	11062	0.633
12:30 - 13:00	18	11062	0.381	18	11062	0.338	18	11062	0.719
13:00 - 13:30	18	11062	0.362	18	11062	0.306	18	11062	0.668
13:30 - 14:00	18	11062	0.332	18	11062	0.227	18	11062	0.559
14:00 - 14:30	18	11062	0.240	18	11062	0.263	18	11062	0.503
14:30 - 15:00	18	11062	0.212	18	11062	0.350	18	11062	0.562
15:00 - 15:30	18	11062	0.211	18	11062	0.473	18	11062	0.684
15:30 - 16:00	18	11062	0.194	18	11062	0.594	18	11062	0.788
16:00 - 16:30	18	11062	0.209	18	11062	0.880	18	11062	1.089
16:30 - 17:00	18	11062	0.162	18	11062	0.943	18	11062	1.105
17:00 - 17:30	18	11062	0.129	18	11062	1.150	18	11062	1.279
17:30 - 18:00	18	11062	0.099	18	11062	0.788	18	11062	0.887
18:00 - 18:30	18	11062	0.084	18	11062	0.500	18	11062	0.584
18:30 - 19:00	18	11062	0.056	18	11062	0.291	18	11062	0.347
19:00 - 19:30	1	70291	0.110	1	70291	0.182	1	70291	0.292
19:30 - 20:00	1	70291	0.088	1	70291	0.149	1	70291	0.237
20:00 - 20:30	1	70291	0.090	1	70291	0.206	1	70291	0.296
20:30 - 21:00	1	70291	0.097	1	70291	0.122	1	70291	0.219
21:00 - 21:30	1	70291	0.085	1	70291	0.434	1	70291	0.519
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			10.616			10.256			20.872

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 - 70291 (units: sqm)
Survey date date range:	01/01/08 - 26/11/15
Number of weekdays (Monday-Friday):	18
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	3

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 show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Appendix J

CENSUS OUTPUT

2011 Census: Method of Travel to Work

Geography Code	Geography Name	District	Total Population	Total Car Households	Resident TTW: All categories	Resident TTW: Work mainly at or from home	Resident TTW: Underground, metro, light rail, tram	Resident TTW: Train	Resident TTW: Bus, minibus or coach	Resident TTW: Taxi	Resident TTW: Motorcycle, scooter or moped	Resident TTW: Driving a car or van	Resident TTW: Passenger in a car or van	Resident TTW: Bicycle	Resident TTW: On foot	Resident TTW: Other method of travel to work	Resident TTW: Not in employment
E00141000		Harrogate	184	110	125	8	0	0	2	0	0	39	2	6	13	0	55
E00141001		Harrogate	238	113	169	28	0	1	1	1	1	56	2	1	13	1	64
E00141002		Harrogate	292	123	206	23	0	0	1	0	1	90	10	7	38	0	36
E00141003		Harrogate	257	120	181	20	0	0	2	0	0	61	2	1	32	0	63
E00141004		Harrogate	234	126	187	37	0	1	2	1	0	66	3	5	17	1	54

