

Appendix A  
Highway Authority Correspondence

td

---

**From:** Mortimer, Darren [darren.mortimer@norfolk.gov.uk]  
**Sent:** 10 February 2015 16:00  
**To:** 'td'  
**Subject:** RE: Thornham

Hi Tony,  
We seem to be content with the draft layout now, obviously subject to the detailed design and SA scrutiny.  
regards

**Darren Mortimer**  
**Highways Development Management Officer**  
Developer Services  
Highways and Transport  
Community and Environmental Services  
Tel: 01263 516145  
Fax: 01263 514802  
Email: [darren.mortimer@norfolk.gov.uk](mailto:darren.mortimer@norfolk.gov.uk)  
**Norfolk County Council**  
General Enquiries: 0344 800 8020 or [information@norfolk.gov.uk](mailto:information@norfolk.gov.uk)  
Website: [www.norfolk.gov.uk](http://www.norfolk.gov.uk)

---

**From:** td [<mailto:td@KingdomTP.co.uk>]  
**Sent:** 10 February 2015 11:56  
**To:** Mortimer, Darren  
**Subject:** FW: Thornham

Regards

Tony Doyle BEng (Hons) MSC MCIHT TPS  
Director  
[td@KingdomTP.co.uk](mailto:td@KingdomTP.co.uk)  
01603 325 587  
07736 609 993

[KingdomTP.co.uk](http://KingdomTP.co.uk)  
Saffron House, Lopham Road, East Harling, Norfolk NR16 2PX

For email disclaimer please see our [Legal](#) page on our website.

---

**From:** td [<mailto:td@KingdomTP.co.uk>]  
**Sent:** 30 January 2015 10:11  
**To:** 'Mortimer, Darren'  
**Subject:** RE: Thornham

Regards

Tony Doyle BEng (Hons) MSC MCIHT TPS  
Director  
[td@KingdomTP.co.uk](mailto:td@KingdomTP.co.uk)  
01603 325 587  
07736 609 993

[KingdomTP.co.uk](http://KingdomTP.co.uk)  
Saffron House, Lopham Road, East Harling, Norfolk NR16 2PX

For email disclaimer please see our [Legal](#) page on our website.

---

**From:** Mortimer, Darren [<mailto:darren.mortimer@norfolk.gov.uk>]  
**Sent:** 30 January 2015 09:55  
**To:** 'td'  
**Subject:** FW: Thornham

Hi Tony,  
Please see below  
Regards

**Darren Mortimer**  
**Highways Development Management Officer**  
Developer Services  
Highways and Transport  
Community and Environmental Services  
Tel: 01263 516145  
Fax: 01263 514802  
Email: [darren.mortimer@norfolk.gov.uk](mailto:darren.mortimer@norfolk.gov.uk)  
**Norfolk County Council**  
General Enquiries: 0344 800 8020 or [information@norfolk.gov.uk](mailto:information@norfolk.gov.uk)  
Website: [www.norfolk.gov.uk](http://www.norfolk.gov.uk)

---

**From:** Allen, Kevin  
**Sent:** 30 January 2015 08:44  
**To:** Mortimer, Darren  
**Subject:** RE: Thornham

Hi Darren,

In principle this looks long the right lines. However, I'm a little concerned about the kerb line to the east of the junction, which seems very set back from the channel line. The kerblines should be brought forward to tie in with the give way line at the tangent point of the junction radius. Green Lane is quite narrow and relatively lightly trafficked so a merge taper should not really be necessary.

Kind regards

Kevin

--

To see our email disclaimer click here <http://www.norfolk.gov.uk/emaildisclaimer>

Appendix B  
TRICS Data

**TRIP RATE CALCULATION SELECTION PARAMETERS:**

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

**MULTI-MODAL VEHICLES**Selected regions and areas:

<b>03 SOUTH WEST</b>		
CW	CORNWALL	1 days
GS	GLOUCESTERSHIRE	1 days
<b>06 WEST MIDLANDS</b>		
SH	SHROPSHIRE	1 days
WK	WARWICKSHIRE	1 days
<b>07 YORKSHIRE &amp; NORTH LINCOLNSHIRE</b>		
NE	NORTH EAST LINCOLNSHIRE	1 days
NY	NORTH YORKSHIRE	3 days
<b>09 NORTH</b>		
CB	CUMBRIA	1 days
<b>10 WALES</b>		
CP	CAERPHILLY	1 days
<b>11 SCOTLAND</b>		
FI	FIFE	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 dwellings  
 Actual Range: 14 to 180 (units: )  
 Range Selected by User: 6 to 100 (units: )

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/90 to 20/05/14

*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
Tuesday	3 days
Wednesday	1 days
Thursday	2 days
Friday	2 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:

Edge of Town Centre	3
Suburban Area (PPS6 Out of Centre)	4
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:

Residential Zone	8
No Sub Category	3

*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:**

C3 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 6 days  
5,001 to 10,000 5 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 5 days  
25,001 to 50,000 6 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 5 days  
1.1 to 1.5 5 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:**

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**

<b>1</b>	<b>CB-03-A-04</b>	<b>SEMI DETACHED</b>		<b>CUMBRIA</b>
	MOORCLOSE ROAD			
	SALTERBACK			
	WORKINGTON			
	Edge of Town			
	No Sub Category			
	Total Number of dwellings:	82		
	<b>Survey date: FRIDAY</b>	<b>24/04/09</b>		<b>Survey Type: MANUAL</b>
<b>2</b>	<b>CP-03-A-02</b>	<b>SEMI DETACHED</b>		<b>CAERPHILLY</b>
	THE RISE			
	PENGAM			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	41		
	<b>Survey date: MONDAY</b>	<b>05/09/05</b>		<b>Survey Type: MANUAL</b>
<b>3</b>	<b>CW-03-A-02</b>	<b>SEMI D./DETACHED</b>		<b>CORNWALL</b>
	BOSVEAN GARDENS			
	TRURO			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	73		
	<b>Survey date: TUESDAY</b>	<b>18/09/07</b>		<b>Survey Type: MANUAL</b>
<b>4</b>	<b>FI-03-A-02</b>	<b>SEMI DETACHED</b>		<b>FIFE</b>
	WAROUT ROAD			
	GLENROTHES			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	58		
	<b>Survey date: MONDAY</b>	<b>16/05/05</b>		<b>Survey Type: MANUAL</b>
<b>5</b>	<b>GS-03-A-01</b>	<b>SEMI D./TERRACED</b>		<b>GLOUCESTERSHIRE</b>
	KINGSHOLM ROAD			
	KINGSHOLM			
	GLOUCESTER			
	Edge of Town Centre			
	No Sub Category			
	Total Number of dwellings:	73		
	<b>Survey date: TUESDAY</b>	<b>25/05/04</b>		<b>Survey Type: MANUAL</b>
<b>6</b>	<b>NE-03-A-03</b>	<b>PRIVATE HOUSES</b>		<b>NORTH EAST LINCOLNSHIRE</b>
	STATION ROAD			
	SCUNTHORPE			
	Edge of Town Centre			
	Residential Zone			
	Total Number of dwellings:	180		
	<b>Survey date: TUESDAY</b>	<b>20/05/14</b>		<b>Survey Type: MANUAL</b>
<b>7</b>	<b>NY-03-A-03</b>	<b>PRIVATE HOUSING</b>		<b>NORTH YORKSHIRE</b>
	NEW ROW			
	BOROUGHBRIDGE			
	Edge of Town Centre			
	Residential Zone			
	Total Number of dwellings:	14		
	<b>Survey date: MONDAY</b>	<b>15/09/08</b>		<b>Survey Type: MANUAL</b>

***LIST OF SITES relevant to selection parameters (Cont.)***

<b>8</b>	<b>NY-03-A-06</b>	<b>BUNGALOWS &amp; SEMI DET.</b>	<b>NORTH YORKSHIRE</b>
	HORSEFAIR		
	BOROUGHBRIDGE		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	115	
	<i>Survey date: FRIDAY</i>	<i>14/10/11</i>	<i>Survey Type: MANUAL</i>
<b>9</b>	<b>NY-03-A-11</b>	<b>PRIVATE HOUSING</b>	<b>NORTH YORKSHIRE</b>
	HORSEFAIR		
	BOROUGHBRIDGE		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	23	
	<i>Survey date: WEDNESDAY</i>	<i>18/09/13</i>	<i>Survey Type: MANUAL</i>
<b>10</b>	<b>SH-03-A-05</b>	<b>SEMI-DETACHED/TERRACED</b>	<b>SHROPSHIRE</b>
	SANDCROFT		
	SUTTON HILL		
	TELFORD		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	54	
	<i>Survey date: THURSDAY</i>	<i>24/10/13</i>	<i>Survey Type: MANUAL</i>
<b>11</b>	<b>WK-03-A-02</b>	<b>BUNGALOWS</b>	<b>WARWICKSHIRE</b>
	NARBERTH WAY		
	POTTERS GREEN		
	COVENTRY		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	17	
	<i>Survey date: THURSDAY</i>	<i>17/10/13</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.*



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

**MULTI-MODAL 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	11	66	0.062	11	66	0.200	11	66	0.262
08:00 - 09:00	11	66	0.152	<b>11</b>	<b>66</b>	<b>0.358</b>	<b>11</b>	<b>66</b>	<b>0.510</b>
09:00 - 10:00	11	66	0.181	11	66	0.164	11	66	0.345
10:00 - 11:00	11	66	0.141	11	66	0.148	11	66	0.289
11:00 - 12:00	11	66	0.177	11	66	0.164	11	66	0.341
12:00 - 13:00	11	66	0.158	11	66	0.153	11	66	0.311
13:00 - 14:00	11	66	0.178	11	66	0.171	11	66	0.349
14:00 - 15:00	11	66	0.184	11	66	0.193	11	66	0.377
15:00 - 16:00	11	66	0.242	11	66	0.182	11	66	0.424
16:00 - 17:00	11	66	0.256	11	66	0.177	11	66	0.433
17:00 - 18:00	<b>11</b>	<b>66</b>	<b>0.300</b>	11	66	0.184	11	66	0.484
18:00 - 19:00	11	66	0.184	11	66	0.160	11	66	0.344
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.215			2.254			4.469

*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: 14 - 180 (units: )  
 Survey date range: 01/01/90 - 20/05/14  
 Number of weekdays (Monday-Friday): 11  
 Number of Saturdays: 0  
 Number of Sundays: 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 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

**MULTI-MODAL OGVS**

**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	11	66	0.000	11	66	0.000	11	66	0.000
08:00 - 09:00	11	66	0.001	11	66	0.001	11	66	0.002
09:00 - 10:00	11	66	0.001	11	66	0.000	11	66	0.001
10:00 - 11:00	<b>11</b>	<b>66</b>	<b>0.003</b>	11	66	0.000	11	66	0.003
11:00 - 12:00	11	66	0.001	11	66	0.004	11	66	0.005
12:00 - 13:00	11	66	0.001	11	66	0.000	11	66	0.001
13:00 - 14:00	11	66	0.003	11	66	0.000	11	66	0.003
14:00 - 15:00	11	66	0.001	<b>11</b>	<b>66</b>	<b>0.005</b>	<b>11</b>	<b>66</b>	<b>0.006</b>
15:00 - 16:00	11	66	0.000	11	66	0.000	11	66	0.000
16:00 - 17:00	11	66	0.003	11	66	0.003	11	66	0.006
17:00 - 18:00	11	66	0.000	11	66	0.000	11	66	0.000
18:00 - 19:00	11	66	0.000	11	66	0.000	11	66	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.014			0.013			0.027

*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: 14 - 180 (units: )  
 Survey date date range: 01/01/90 - 20/05/14  
 Number of weekdays (Monday-Friday): 11  
 Number of Saturdays: 0  
 Number of Sundays: 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 show. 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 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

**MULTI-MODAL PSVS**

**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	11	66	0.000	11	66	0.000	11	66	0.000
08:00 - 09:00	11	66	0.000	11	66	0.000	11	66	0.000
09:00 - 10:00	11	66	0.000	11	66	0.000	11	66	0.000
10:00 - 11:00	11	66	0.000	11	66	0.000	11	66	0.000
11:00 - 12:00	<b>11</b>	<b>66</b>	<b>0.003</b>	<b>11</b>	<b>66</b>	<b>0.003</b>	<b>11</b>	<b>66</b>	<b>0.006</b>
12:00 - 13:00	11	66	0.000	11	66	0.000	11	66	0.000
13:00 - 14:00	11	66	0.000	11	66	0.000	11	66	0.000
14:00 - 15:00	11	66	0.000	11	66	0.000	11	66	0.000
15:00 - 16:00	11	66	0.000	11	66	0.000	11	66	0.000
16:00 - 17:00	11	66	0.000	11	66	0.000	11	66	0.000
17:00 - 18:00	11	66	0.000	11	66	0.000	11	66	0.000
18:00 - 19:00	11	66	0.000	11	66	0.000	11	66	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.003			0.003			0.006

*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: 14 - 180 (units: )  
 Survey date range: 01/01/90 - 20/05/14  
 Number of weekdays (Monday-Friday): 11  
 Number of Saturdays: 0  
 Number of Sundays: 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 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

**MULTI-MODAL CYCLISTS**

**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	11	66	0.001	<b>11</b>	<b>66</b>	<b>0.014</b>	11	66	0.015
08:00 - 09:00	11	66	0.004	11	66	0.011	11	66	0.015
09:00 - 10:00	11	66	0.001	11	66	0.003	11	66	0.004
10:00 - 11:00	11	66	0.005	11	66	0.014	11	66	0.019
11:00 - 12:00	11	66	0.005	11	66	0.004	11	66	0.009
12:00 - 13:00	11	66	0.004	11	66	0.005	11	66	0.009
13:00 - 14:00	11	66	0.005	11	66	0.004	11	66	0.009
14:00 - 15:00	11	66	0.005	11	66	0.005	11	66	0.010
15:00 - 16:00	11	66	0.012	11	66	0.007	11	66	0.019
16:00 - 17:00	11	66	0.008	11	66	0.007	11	66	0.015
17:00 - 18:00	<b>11</b>	<b>66</b>	<b>0.016</b>	11	66	0.007	<b>11</b>	<b>66</b>	<b>0.023</b>
18:00 - 19:00	11	66	0.011	11	66	0.004	11	66	0.015
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.077			0.085			0.162

*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: 14 - 180 (units: )  
 Survey date date range: 01/01/90 - 20/05/14  
 Number of weekdays (Monday-Friday): 11  
 Number of Saturdays: 0  
 Number of Sundays: 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 show. 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 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

**MULTI-MODAL VEHICLE OCCUPANTS**

**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	11	66	0.067	11	66	0.252	11	66	0.319
08:00 - 09:00	11	66	0.195	<b>11</b>	<b>66</b>	<b>0.559</b>	<b>11</b>	<b>66</b>	<b>0.754</b>
09:00 - 10:00	11	66	0.226	11	66	0.205	11	66	0.431
10:00 - 11:00	11	66	0.175	11	66	0.193	11	66	0.368
11:00 - 12:00	11	66	0.249	11	66	0.216	11	66	0.465
12:00 - 13:00	11	66	0.200	11	66	0.205	11	66	0.405
13:00 - 14:00	11	66	0.230	11	66	0.230	11	66	0.460
14:00 - 15:00	11	66	0.245	11	66	0.253	11	66	0.498
15:00 - 16:00	11	66	0.375	11	66	0.263	11	66	0.638
16:00 - 17:00	11	66	0.368	11	66	0.262	11	66	0.630
17:00 - 18:00	<b>11</b>	<b>66</b>	<b>0.423</b>	11	66	0.234	11	66	0.657
18:00 - 19:00	11	66	0.229	11	66	0.225	11	66	0.454
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.982			3.097			6.079

*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: 14 - 180 (units: )  
 Survey date date range: 01/01/90 - 20/05/14  
 Number of weekdays (Monday-Friday): 11  
 Number of Saturdays: 0  
 Number of Sundays: 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 show. 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 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

**MULTI-MODAL PEDESTRIANS**

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	11	66	0.015	11	66	0.068	11	66	0.083
08:00 - 09:00	11	66	0.044	<b>11</b>	<b>66</b>	<b>0.234</b>	11	66	0.278
09:00 - 10:00	11	66	0.036	11	66	0.073	11	66	0.109
10:00 - 11:00	11	66	0.045	11	66	0.055	11	66	0.100
11:00 - 12:00	11	66	0.036	11	66	0.062	11	66	0.098
12:00 - 13:00	11	66	0.051	11	66	0.055	11	66	0.106
13:00 - 14:00	11	66	0.049	11	66	0.055	11	66	0.104
14:00 - 15:00	11	66	0.053	11	66	0.060	11	66	0.113
15:00 - 16:00	<b>11</b>	<b>66</b>	<b>0.167</b>	11	66	0.118	<b>11</b>	<b>66</b>	<b>0.285</b>
16:00 - 17:00	11	66	0.132	11	66	0.074	11	66	0.206
17:00 - 18:00	11	66	0.123	11	66	0.038	11	66	0.161
18:00 - 19:00	11	66	0.052	11	66	0.029	11	66	0.081
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.803			0.921			1.724

*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: 14 - 180 (units: )  
 Survey date date range: 01/01/90 - 20/05/14  
 Number of weekdays (Monday-Friday): 11  
 Number of Saturdays: 0  
 Number of Sundays: 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 show. 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 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

**MULTI-MODAL PUBLIC TRANSPORT USERS**

**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	11	66	0.003	11	66	0.003	11	66	0.006
08:00 - 09:00	11	66	0.004	<b>11</b>	<b>66</b>	<b>0.023</b>	<b>11</b>	<b>66</b>	<b>0.027</b>
09:00 - 10:00	11	66	0.007	11	66	0.007	11	66	0.014
10:00 - 11:00	11	66	0.003	11	66	0.001	11	66	0.004
11:00 - 12:00	11	66	0.003	11	66	0.011	11	66	0.014
12:00 - 13:00	11	66	0.004	11	66	0.004	11	66	0.008
13:00 - 14:00	11	66	0.005	11	66	0.005	11	66	0.010
14:00 - 15:00	11	66	0.005	11	66	0.004	11	66	0.009
15:00 - 16:00	<b>11</b>	<b>66</b>	<b>0.014</b>	11	66	0.000	11	66	0.014
16:00 - 17:00	11	66	0.008	11	66	0.001	11	66	0.009
17:00 - 18:00	11	66	0.005	11	66	0.001	11	66	0.006
18:00 - 19:00	11	66	0.000	11	66	0.000	11	66	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.061			0.060			0.121

*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: 14 - 180 (units: )  
 Survey date range: 01/01/90 - 20/05/14  
 Number of weekdays (Monday-Friday): 11  
 Number of Saturdays: 0  
 Number of Sundays: 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 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

**MULTI-MODAL TOTAL PEOPLE****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	11	66	0.086	11	66	0.337	11	66	0.423
08:00 - 09:00	11	66	0.247	<b>11</b>	<b>66</b>	<b>0.827</b>	<b>11</b>	<b>66</b>	<b>1.074</b>
09:00 - 10:00	11	66	0.270	11	66	0.288	11	66	0.558
10:00 - 11:00	11	66	0.229	11	66	0.263	11	66	0.492
11:00 - 12:00	11	66	0.293	11	66	0.293	11	66	0.586
12:00 - 13:00	11	66	0.259	11	66	0.270	11	66	0.529
13:00 - 14:00	11	66	0.290	11	66	0.295	11	66	0.585
14:00 - 15:00	11	66	0.310	11	66	0.323	11	66	0.633
15:00 - 16:00	<b>11</b>	<b>66</b>	<b>0.568</b>	11	66	0.388	11	66	0.956
16:00 - 17:00	11	66	0.516	11	66	0.344	11	66	0.860
17:00 - 18:00	11	66	0.568	11	66	0.281	11	66	0.849
18:00 - 19:00	11	66	0.292	11	66	0.258	11	66	0.550
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.928			4.167			8.095

*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: 14 - 180 (units: )  
Survey date date range: 01/01/90 - 20/05/14  
Number of weekdays (Monday-Friday): 11  
Number of Saturdays: 0  
Number of Sundays: 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.*