TECHNICAL NOTE NO 1 REV D

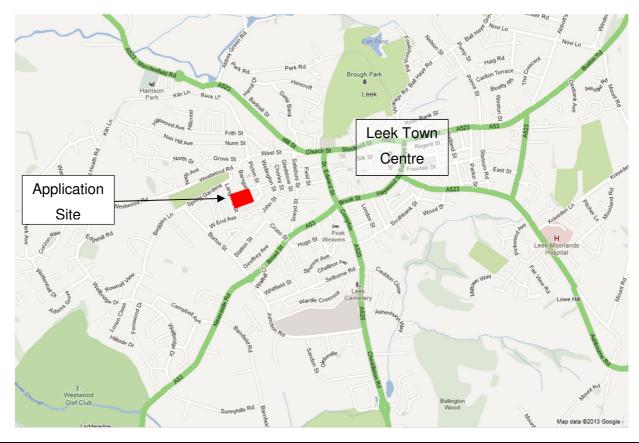


FORMER CDU/SLIMMA WORKS, BARNGATE STREET, LEEK PROPOSED RESIDENTIAL DEVELOPMENT

12186 - 08.05.13

- 1.1 SCP Ltd is instructed by Renew Land Developments Ltd to investigate and report upon the anticipated transport impacts associated with the proposed redevelopment of the former CDU/Slimma Works building on Barngate Street, Leek with 10 no. 3 bed and 10 no. 2 bed houses, 11 no. 1 bed and 1 no. 2 bed apartments and associated car parking and access. The Technical Note supports a joint planning application by Renew Land Developments Ltd and The Wrekin Housing Trust. All of the proposed units on site will be available for rent through The Wrekin Housing Trust and the apartments will be available for assisted living.
- 1.2 This Technical Note has been produced at the request of the planning officer to provide evidence to demonstrate that the site can be accommodated onto the local highway network in a safe manner. Based upon the scale of the proposals there would not normally be a requirement for any formal assessment of the transport issues associated with the development proposals.
- 1.3 The Former CDU/Slimma works is approximately 0.34 ha in area and has highways on all sides.

 The location of the application in relation to Leek is illustrated below:





Cont'd ... 2 of 4
Technical Note 1 Rev D
Former CDU/Slimma Works, Barngate Street, Leek
Proposed Residential Development
12186 – 08.05.13



1.4 The area immediately surrounding the site is illustrated below and it can be seen that the local highways are covered by traffic calming measures including junction tables. As illustrated on the plan below there are only limited locations around the site where parking is prohibited. The existing factory has pedestrian accesses off Langford Street, James Street and Barngate Street. The only vehicle access to the site is off Waterloo Street.



- 1.5 The plan also illustrates the existing traffic management regime around the site. Barngate Street is a one way street and allows traffic to pass in a northbound direction. The junction of James Street with Barngate Street is restricted in that vehicles travelling from James Street in an easterly direction are only permitted to turn left onto Barngate Street.
- 1.6 The existing land use has the potential to attract traffic associated with workers attending the site, goods in and out and commercial refuse collection. As there is no space within the site to allow larger vehicles to off load or pick up it is anticipated that this type of movement was facilitated on street. Equally, staff cars would also be anticipated to use on street parking.

Cont'd ... 3 of 4 Technical Note 1 Rev D Former CDU/Slimma Works, Barngate Street, Leek Proposed Residential Development 12186 – 08.05.13



1.7 The overall existing development on site is some 5,212 sqm. The use on the site has ceased however there is potential for the existing space be reused in full and as such there would be a traffic attraction associated with such use. The potential level of traffic associated with the full reuse of the site has been assessed using the nationally used TRICS database assuming a single industrial unit. The assessed trip rates are summarised below and are detailed at Appendix 1.

| | AM I | Peak | PM Peak | | |
|-----------|----------|------------|----------|------------|--|
| | Arrivals | Departures | Arrivals | Departures | |
| TRIP RATE | 0.355 | 0.075 | 0.036 | 0.275 | |
| TRIPS | 17 | 4 | 2 | 14 | |

- 1.8 The potential reuse of the site for employment would therefore be anticipated to attract 21 vph (total two-way) during the morning peak and 16 vph (total two-way) during the evening peak hour. On a daily basis the potential reuse of the site would be anticipated to attract around 160 vehicles per day (total two-way). Around 20% or around 30 vehicles would be anticipated to be goods vehicles.
- 1.9 The redevelopment proposals are illustrated at Appendix 2 and consist of 10 no. 3 bed and 10 no. 2 bed houses plus 11 no. 1 bed and 1 no. 2 bed apartments for assisted living. All of the proposed residential scheme will be affordable rented and the apartments will be assisted care units where car ownership will be extremely limited. 7 of the houses and all 12 apartments are to be served off Barngate Street and the remaining 13 houses are to be served off James Street.
- 1.10 Discussions have taken place with The Wrekin Housing Trust and the parking levels have been agreed to be 1 space per house plus 5 spaces (including 2 spaces for mobility impaired drivers) for the apartments. There will be 1 visitor space available. The scheme would therefore provide a total of 26 parking spaces. Additionally the development will provide secure parking spaces for 12 cycles. It is considered that the development would therefore provide sufficient parking to meet the demands of the potential residents.

Cont'd ... 4 of 4 Technical Note 1 Rev D Former CDU/Slimma Works, Barngate Street, Leek Proposed Residential Development 12186 – 08.05.13



1.11 The redevelopment proposal would be anticipated to generate traffic movements and we have utilised the TRICS database to assess the potential traffic generation associated with 20 houses and 12 apartments. As the apartments are for assisted living it is considered that the trip rates will be more akin to those from sheltered housing. The anticipated trip rates are summarised below and are detailed at Appendices 3 and 4.

| Anticipated Traffic Movements | | AM | Peak | PM Peak | | |
|-------------------------------|---------------|----------|------------|----------|------------|--|
| Anticipated Tra | and movements | Arrivals | Departures | Arrivals | Departures | |
| Housing | Trip Rate | 0.170 | 0.389 | 0.351 | 0.223 | |
| riousing | Movements | 3 | 8 | 7 | 9 | |
| Apartments | Trip Rate | 0.122 | 0.085 | 0.077 | 0.069 | |
| Apariments | Movements | 1 | 1 | 1 | 1 | |

- 1.12 The redevelopment proposal would therefore be anticipated to generate 13 vph (total two way) during the morning peak hour and 18 vph (total two way) during the evening peak hour. Therefore the development would be likely to have a neutral impact upon the local highway network at peak times. There would of course be a material reduction in HGV movement associated with the redevelopment which is considered to be a benefit to the local highway network.
- 1.13 The redevelopment proposal includes parking for 26 vehicles within the site whereas currently the employment use does not offer any on-site parking. It is therefore considered that the existing parking situation around the site would also be benefitted by the redevelopment proposals.
- 1.14 It is therefore considered that the proposals can be accommodated in a safe manner onto the local highway network and that the parking provision proposed would be suitable to cater for the demands of the proposals.
- 1.15 It is therefore considered that there can be no overriding highways objections to the proposals.

SCP APPENDIX 1

Page 1 Licence No: 726001

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : C - INDUSTRIAL UNIT
MULTI-MODAL VEHICLES

Selected regions and areas:

| 02 | SOUTH EAST | | | | | |
|----|-------------|--------------------|--------|--|--|--|
| | HF | HERTFORDSHIRE | 1 days | | | |
| 03 | SOUT | H WEST | | | | |
| | BR | BRISTOL CITY | 1 days | | | |
| | CW | CORNWALL | 2 days | | | |
| | DC | DORSET | 1 days | | | |
| | GS | GLOUCESTERSHIRE | 1 days | | | |
| 04 | EAST | ANGLI A | | | | |
| | NF | NORFOLK | 1 days | | | |
| 05 | EAST | MIDLANDS | | | | |
| | DS | DERBYSHIRE | 1 days | | | |
| 06 | WEST | MIDLANDS | | | | |
| | HE | HEREFORDSHIRE | 1 days | | | |
| 80 | NORT | TH WEST | | | | |
| | CH | CHESHIRE | 1 days | | | |
| | GM | GREATER MANCHESTER | 1 days | | | |
| | LC | LANCASHIRE | 1 days | | | |
| 10 | WALE | ES . | | | | |
| | CF | CARDIFF | 1 days | | | |
| 13 | MUNS | STER | | | | |
| | WA | WATERFORD | 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: 1068 to 43325 (units: sqm)
Range Selected by User: 1068 to 43325 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/04 to 14/10/10

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 3 days
Wednesday 2 days
Thursday 4 days
Friday 1 days

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

Selected survey types:

Manual count 14 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 undertaking using machines.

Selected Locations:

| Edge of Town Centre | 3 |
|------------------------------------|---|
| Suburban Area (PPS6 Out of Centre) | 4 |
| Edge of Town | 7 |

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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:

| Industrial Zone | 7 |
|-----------------|---|
| Commercial Zone | 1 |
| Built-Up Zone | 3 |
| 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: | |
|------------|--------|
| Not Known | 1 days |
| B1 | 9 days |
| R2 | 3 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 | 3 days |
|------------------|--------|
| 5,001 to 10,000 | 2 days |
| 10,001 to 15,000 | 2 days |
| 15,001 to 20,000 | 1 days |
| 20,001 to 25,000 | 2 days |
| 25,001 to 50,000 | 4 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 |
|--------------------|--------|
| 25,001 to 50,000 | 1 days |
| 50,001 to 75,000 | 6 days |
| 125,001 to 250,000 | 3 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 | 5 days |
|------------|--------|
| 1.1 to 1.5 | 9 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 14 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.

TRI CS 2013(a) v6.11.1 181212 B15.37 (C) 2013 JMP Consultants Ltd on behalf of the TRI CS Consortium

Monday 14/01/13 Page 3

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LIST OF SITES relevant to selection parameters

1 BR-02-C-01 MECH. ENGINEERS, BRISTOL BRISTOL CITY

NOVERS HILL BEDMINSTER BRISTOL

Suburban Area (PPS6 Out of Centre)

Industrial Zone

Total Gross floor area: 1100 sqm

Survey date: MONDAY 19/10/09 Survey Type: MANUAL

2 CF-02-C-01 PLASTICS COMPANY, CARDIFF CARDIFF

PARC-TY-GLAS LLANISHEN CARDIFF

Suburban Area (PPS6 Out of Centre)

Industrial Zone

Total Gross floor area: 1068 sqm

Survey date: TUESDAY 24/10/06 Survey Type: MANUAL

3 CH-02-C-01 BAKERY, NORTHWICH CHESHIRE

GADBROOK PARK HIGH SHURLACH NORTHWICH Edge of Town Industrial Zone

Total Gross floor area: 15000 sqm

Survey date: THURSDAY 21/06/07 Survey Type: MANUAL

4 CW-02-C-01 FOOD DISTRIBUTION, CAMBORNE CORNWALL

WILSON WAY

POOL

CAMBORNE

Suburban Area (PPS6 Out of Centre)

Industrial Zone

Total Gross floor area: 10200 sqm

Survey date: FRIDAY 08/06/07 Survey Type: MANUAL

5 CW-02-C-02 LIGHTING COMPANY, BODMIN CORNWALL

NORMANDY WAY

BODMIN Edge of Town Industrial Zone

Total Gross floor area: 17675 sqm

Survey date: WEDNESDAY 06/06/07 Survey Type: MANUAL

6 DC-02-C-07 NEW LOOK, WEYMOUTH DORSET

MERCERY ROAD

WEYMOUTH Edge of Town No Sub Category

Total Gross floor area: 5467 sqm

Survey date: MONDAY 07/07/08 Survey Type: MANUAL

7 DS-02-C-01 BAKERY, NEAR SHEFFI ELD DERBYSHI RE

STUBLEY LANE DRONFIELD NEAR SHEFFIELD Edge of Town No Sub Category

Total Gross floor area: 23500 sqm

Survey date: THURSDAY 22/06/06 Survey Type: MANUAL

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LIST OF SITES relevant to selection parameters (Cont.)

8 GM-02-C-02 BREWERY, MANCHESTER GREATER MANCHESTER

GREAT DUCIE STREET STRANGEWAYS MANCHESTER Edge of Town Centre Built-Up Zone

Total Gross floor area: 33470 sqm

Survey date: TUESDAY 08/06/04 Survey Type: MANUAL 9 GS-02-C-01 HEALTH PRODUCTS, GLOUCESTER GLOUCESTERSHIRE

ST CATHERINE STREET

GLOUCESTER

Edge of Town Centre

Built-Up Zone

Total Gross floor area: 6604 sqm

Survey date: WEDNESDAY 26/05/04 Survey Type: MANUAL 10 HE-02-C-01 METAL. COATINGS, HEREFORD HEREFORDSHIRE

COLLEGE ROAD

HEREFORD Edge of Town Commercial Zone

Total Gross floor area: 1880 sqm

Survey date: THURSDAY 14/10/10 Survey Type: MANUAL 11 HF-02-C-01 IND. UNIT, W. GARDEN CITY HERTFORDSHIRE

BRIDGE ROAD EAST

WELWYN GARDEN CITY

Suburban Area (PPS6 Out of Centre)

Industrial Zone

Total Gross floor area: 1800 sqm

Survey date: THURSDAY 17/07/08 Survey Type: MANUAL

12 LC-02-C-01 BREWERY, BLACKBURN LANCASHI RE

PENNY STREET

BLACKBURN

Edge of Town Centre Built-Up Zone

Total Gross floor area: 34581 sqm

Survey date: MONDAY 21/06/04 Survey Type: MANUAL

13 NF-02-C-02 GROCERY FACTORY, KINGS LYNN NORFOLK

HARDWICK ROAD

KINGS LYNN Edge of Town Industrial Zone

Total Gross floor area: 43325 sgm

Survey date: MONDAY 19/09/05 Survey Type: MANUAL

14 WA-02-C-01 FOODS COMPANY, WATERFORD WATERFORD

MAYPARK LANE

WATERFORD Edge of Town No Sub Category

Total Gross floor area: 2800 sgm

Survey date: TUESDAY 18/11/08 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.

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TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT

MULTI-MODAL VEHICLES
Calculation factor: 100 sqm

Estimated TRIP rate value per 5212 SQM shown in shaded columns

BOLD print indicates peak (busiest) period

| Time Range 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 05:30 - 06:00 06:00 - 06:30 06:30 - 07:00 07:00 - 07:30 | No. Days | Ave. GFA | RIVALS Trip Rate | Estimated Trip Rate | No. Days | Ave. GFA | Trip Rate | Estimated Trip Rate | No. Days | Ave. GFA | OTALS Trip Rate | Estimated 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 03:30 - 04:00 04:00 - 04:30 04:30 - 05:00 05:00 - 05:30 05:30 - 06:00 06:00 - 06:30 06:30 - 07:00 07:00 - 07:30 | 14 | | Rate | Trip Rate | Days | GFA | Rate | Trip Rate | Days | GFA | Rate | Trip Rate |
| 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 05:30 - 06:00 06:00 - 06:30 07:00 - 07:30 | | 14470 | | | | | | | | | | |
| 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 05:30 - 06:00 06:00 - 06:30 07:00 - 07:30 | | 14470 | | | | | | | | | | |
| 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 05:30 - 06:00 06:00 - 06:30 06:30 - 07:00 07:00 - 07:30 | | 14470 | | | | | | | | | | |
| 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 05:30 - 06:00 06:00 - 06:30 06:30 - 07:00 07:00 - 07:30 | | 14170 | | | | | | | | | | |
| 02:30 - 03:00 03:00 - 03:30 03:30 - 04:00 04:00 - 04:30 04:30 - 05:00 05:00 - 05:30 05:30 - 06:00 06:00 - 06:30 06:30 - 07:00 07:00 - 07:30 | | 14170 | | | | | | | | | | |
| 03:00 - 03:30 03:30 - 04:00 04:00 - 04:30 04:30 - 05:00 05:00 - 05:30 05:30 - 06:00 06:00 - 06:30 06:30 - 07:00 07:00 - 07:30 | | 14170 | | | | | | | | | | |
| 03:30 - 04:00 04:00 - 04:30 04:30 - 05:00 05:00 - 05:30 05:30 - 06:00 06:00 - 06:30 06:30 - 07:00 07:00 - 07:30 | | 14170 | | | | | | | | | | |
| 03:30 - 04:00 04:00 - 04:30 04:30 - 05:00 05:00 - 05:30 05:30 - 06:00 06:00 - 06:30 06:30 - 07:00 07:00 - 07:30 | | 14170 | | | | | | | | | | |
| 04:30 - 05:00 05:00 - 05:30 05:30 - 06:00 06:00 - 06:30 06:30 - 07:00 07:00 - 07:30 | | 14170 | | | | | | | | | | |
| 05:00 - 05:30 05:30 - 06:00 06:00 - 06:30 06:30 - 07:00 07:00 - 07:30 | | 14170 | | | | | | | | | | |
| 05:00 - 05:30 05:30 - 06:00 06:00 - 06:30 06:30 - 07:00 07:00 - 07:30 | | 14170 | | | | | | | | | | |
| 05:30 - 06:00 06:00 - 06:30 06:30 - 07:00 07:00 - 07:30 | | 14170 | | | | | | | | | | |
| 06:00 - 06:30 06:30 - 07:00 07:00 - 07:30 | | 14170 | | | | | | | | | | |
| 06:30 - 07:00 07:00 - 07:30 | | 14170 | | | | | | | | | | |
| 07:00 - 07:30 | | 14170 | | | | | | | | | | |
| | | 14176 | 0.087 | 4.517 | 14 | 14176 | 0.040 | 2.075 | 14 | 14176 | 0.127 | 6.592 |
| 07:30 - 08:00 | | 14176 | 0.138 | 7.169 | 14 | 14176 | 0.024 | 1.261 | 14 | 14176 | 0.162 | 8.430 |
| 08:00 - 08:30 | 14 | 14176 | 0.212 | 11.056 | 14 | 14176 | 0.038 | 1.996 | 14 | 14176 | 0.250 | 13.052 |
| 08:30 - 09:00 | 14 | 14176 | 0.123 | 6.408 | 14 | 14176 | 0.037 | 1.943 | 14 | 14176 | 0.160 | 8.351 |
| 09:00 - 09:30 | 14 | 14176 | 0.074 | 3.860 | 14 | 14176 | 0.042 | 2.206 | 14 | 14176 | 0.116 | 6.066 |
| 09:30 - 10:00 | 14 | 14176 | 0.053 | 2.757 | 14 | 14176 | 0.035 | 1.812 | 14 | 14176 | 0.088 | 4.569 |
| 10:00 - 10:30 | 14 | 14176 | 0.041 | 2.127 | 14 | 14176 | 0.044 | 2.285 | 14 | 14176 | 0.085 | 4.412 |
| 10:30 - 11:00 | 14 | 14176 | 0.051 | 2.652 | 14 | 14176 | 0.041 | 2.153 | 14 | 14176 | 0.092 | 4.805 |
| 11:00 - 11:30 | 14 | 14176 | 0.034 | 1.786 | 14 | 14176 | 0.034 | 1.786 | 14 | 14176 | 0.068 | 3.572 |
| 11:30 - 12:00 | 14 | 14176 | 0.045 | 2.337 | 14 | 14176 | 0.044 | 2.285 | 14 | 14176 | 0.089 | 4.622 |
| 12:00 - 12:30 | 14 | 14176 | 0.043 | 2.258 | 14 | 14176 | 0.056 | 2.941 | 14 | 14176 | 0.099 | 5.199 |
| 12:30 - 13:00 | 14 | 14176 | 0.047 | 2.469 | 14 | 14176 | 0.054 | 2.810 | 14 | 14176 | 0.101 | 5.279 |
| 13:00 - 13:30 | 14 | 14176 | 0.092 | 4.806 | 14 | 14176 | 0.058 | 3.046 | 14 | 14176 | 0.150 | 7.852 |
| 13:30 - 14:00 | 14 | 14176 | 0.117 | 6.119 | 14 | 14176 | 0.069 | 3.571 | 14 | 14176 | 0.186 | 9.690 |
| 14:00 - 14:30 | 14 | 14176 | 0.062 | 3.230 | 14 | 14176 | 0.164 | 8.561 | 14 | 14176 | 0.226 | 11.791 |
| 14:30 - 15:00 | 14 | 14176 | 0.002 | 2.390 | 14 | 14176 | 0.058 | 3.020 | 14 | 14176 | 0.104 | 5.410 |
| 15:00 - 15:30 | 14 | 14176 | 0.040 | 2.547 | 14 | 14176 | 0.063 | 3.309 | 14 | 14176 | 0.104 | 5.856 |
| 15:30 - 16:00 | 14 | 14176 | 0.049 | 2.258 | 14 | 14176 | 0.003 | 3.650 | 14 | 14176 | 0.112 | 5.908 |
| 16:00 - 16:30 | 14 | 14176 | 0.032 | 1.681 | 14 | 14176 | 0.078 | 4.044 | 14 | 14176 | 0.110 | 5.725 |
| 16:30 - 17:00 | 14 | 14176 | 0.032 | 1.759 | 14 | 14176 | 0.078 | 7.773 | 14 | 14176 | 0.110 | 9.532 |
| 17:00 - 17:30 | 14 | 14176 | 0.034 | 1.182 | 14 | 14176 | 0.149 | 7.773 | 14 | 14176 | 0.163 | 8.509 |
| 17:30 - 18:00 | 14 | 14176 | 0.023 | 0.840 | 14 | 14176 | 0.141 | 6.959 | 14 | 14176 | 0.164 | 7.799 |
| 18:00 - 18:30 | 14 | 14176 | 0.010 | 1.050 | 14 | 14176 | 0.134 | 3.677 | 14 | 14176 | 0.130 | 4.727 |
| 18:30 - 19:00 | 14 | 14176 | 0.020 | 1.313 | 14 | 14176 | | | 14 | 14176 | | |
| | 14 | 14176 | 0.025 | 1.313 | 14 | 14176 | 0.044 | 2.311 | 14 | 14176 | 0.069 | 3.624 |
| 19:00 - 19:30 | | | | | | | | | | | | |
| 19:30 - 20:00 | \vdash | | | | | | | | | | | |
| 20:00 - 20:30 | | | | | | | | | | | | |
| 20:30 - 21:00 | | | | | | | | | | | | |
| 21:00 - 21:30 | | | | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | | | | |
| 22:00 - 22:30 | | | | | | | | | | | | |
| 22:30 - 23:00 | | | | | | | | | | | | |
| 23:00 - 23:30 | | | | | | | | | | | | |
| 23:30 - 24:00 Total Rates: | | | 1.507 | 78.571 | | | 1.588 | 82.801 | | | 3.095 | 161.372 |

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.

OFF-LINE VERSION SCP LTD 2 Mount Street Manchester Licence No: 726001

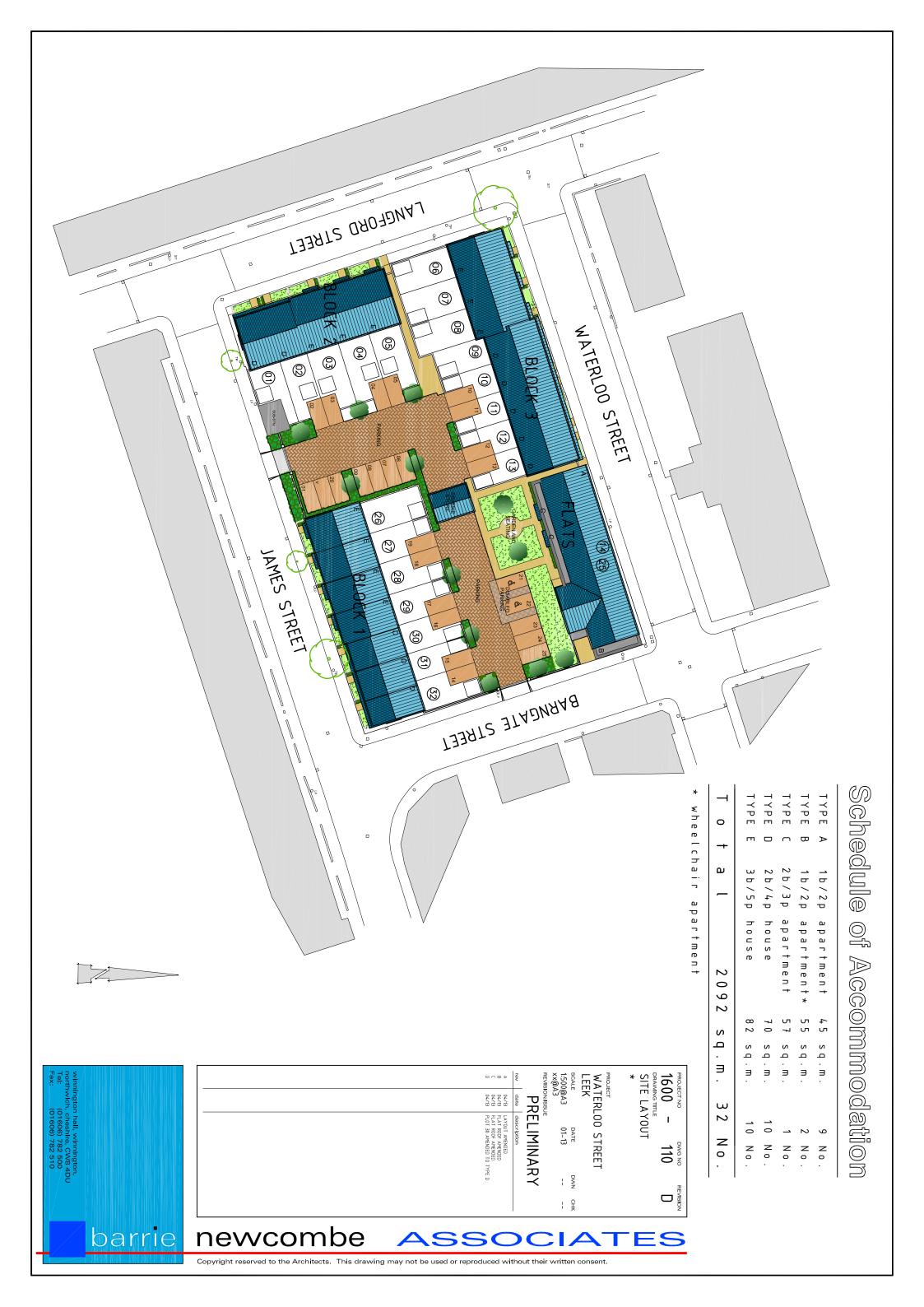
Parameter summary

Trip rate parameter range selected: 1068 - 43325 (units: sqm) Survey date date range: 01/01/04 - 14/10/10

Number of weekdays (Monday-Friday): 14
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.

SCP APPENDIX 2



SCP APPENDIX 3

OFF-LINE VERSION SCP LTD 2 Mount Street Manchester Licence No: 726001

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL

Category : A - HOUSES PRIVATELY OWNED

MULTI-MODAL VEHICLES

Selected regions and areas:

| 04 | EAST | ANGLI A | |
|----|-------------|-------------------------------|--------|
| | CA | CAMBRI DGESHI RE | 1 days |
| | SF | SUFFOLK | 1 days |
| 05 | EAST | MIDLANDS | |
| | DS | DERBYSHIRE | 1 days |
| | LE | LEICESTERSHIRE | 1 days |
| | LN | LINCOLNSHIRE | 1 days |
| 06 | WEST | MIDLANDS | |
| | SH | SHROPSHIRE | 1 days |
| | ST | STAFFORDSHIRE | 1 days |
| | WM | WEST MIDLANDS | 3 days |
| | WO | WORCESTERSHIRE | 2 days |
| 07 | YORK | SHI RE & NORTH LI NCOLNSHI RE | |
| | NY | NORTH YORKSHIRE | 3 days |
| 80 | NORT | H WEST | |
| | CH | CHESHIRE | 2 days |
| | GM | GREATER MANCHESTER | 1 days |
| | LC | LANCASHIRE | 1 days |
| 09 | NORT | Н | |
| | CB | CUMBRIA | 2 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: 9 to 98 (units:) Range Selected by User: 9 to 100 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/04 to 18/09/12

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:

Monday3 daysTuesday8 daysWednesday4 daysThursday3 daysFriday3 days

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

Selected survey types:

Manual count 21 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 undertaking using machines.

Selected Locations:

| Edge of Town Centre | 1 |
|--|----|
| Suburban Area (PPS6 Out of Centre) | 9 |
| Edge of Town | 10 |
| Neighbourhood Centre (PPS6 Local Centre) | 1 |

OFF-LINE VERSION SCP LTD 2 Mount Street Manchester Licence No: 726001

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 17 No Sub Category 4

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 20 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 | 2 days |
|------------------|--------|
| 5,001 to 10,000 | 3 days |
| 10,001 to 15,000 | 7 days |
| 15,001 to 20,000 | 6 days |
| 20,001 to 25,000 | 2 days |
| 25,001 to 50,000 | 1 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 | 2 days |
|--------------------|--------|
| 25,001 to 50,000 | 3 days |
| 75,001 to 100,000 | 4 days |
| 100,001 to 125,000 | 3 days |
| 125,001 to 250,000 | 3 days |
| 250,001 to 500,000 | 5 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 | 8 days |
| 1.1 to 1.5 | 11 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 21 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.

OFF-LINE VERSION SCP LTD 2 Mount Street Licence No: 726001 Manchester

LIST OF SITES relevant to selection parameters

CA-03-A-04 **DETACHED, PETERBOROUGH CAMBRI DGESHI RE** 1

THORPE PARK ROAD **PETERBOROUGH**

Suburban Area (PPS6 Out of Centre)

Residential Zone

Total Number of dwellings: 9

> Survey date: TUESDAY 18/10/11 Survey Type: MANUAL

CB-03-A-03 SEMI DETACHED, WORKINGTON **CUMBRIA**

HAWKSHEAD AVENUE

WORKINGTON Edge of Town Residential Zone

Total Number of dwellings: 40

> Survey date: THURSDAY 20/11/08 Survey Type: MANUAL

CB-03-A-04 SEMI DETACHED, WORKINGTON **CUMBRIA**

MOORCLOSE ROAD **SALTERBACK** WORKINGTON Edge of Town No Sub Category

Total Number of dwellings: 82

Survey date: FRIDAY 24/04/09 Survey Type: MANUAL

CH-03-A-05 **CHESHIRE DETACHED, CREWE**

SYDNEY ROAD **SYDNEY CREWE** Edge of Town Residential Zone

Total Number of dwellings: 17

Survey date: TUESDAY 14/10/08 Survey Type: MANUAL

CH-03-A-08 **DETACHED, CHESTER** CHESHI RE

WHITCHURCH ROAD **BOUGHTON HEATH**

CHESTER

Suburban Area (PPS6 Out of Centre)

Residential Zone

Total Number of dwellings: 11

Survey date: TUESDAY 22/05/12 Survey Type: MANUAL

DERBYSHIRE 6 DS-03-A-01 SEMI D./ TERRACED, DRONFI ELD

THE AVENUE **HOLMESDALE DRONFIELD**

Neighbourhood Centre (PPS6 Local Centre)

Residential Zone

Total Number of dwellings: 20

Survey date: THURSDAY 22/06/06 Survey Type: MANUAL **GREATER MANCHESTER** GM-03-A-10 **DETACHED/SEMI, MANCHESTER**

BUTT HILL DRIVE PRESTWICH MANCHESTER Edge of Town Residential Zone

Total Number of dwellings: 29

Survey date: WEDNESDAY 12/10/11 Survey Type: MANUAL TRI CS 2013(a) v6.11.1 181212 B15.37 (C) 2013 JMP Consultants Ltd on behalf of the TRI CS Consortium

Tuesday 12/03/13 Page 4

OFF-LINE VERSION SCP LTD 2 Mount Street Manchester Licence No: 726001

LIST OF SITES relevant to selection parameters (Cont.)

8 LC-03-A-22 BUNGALOWS, BLACKPOOL LANCASHIRE

CLIFTON DRIVE NORTH

BLACKPOOL Edge of Town Residential Zone

Total Number of dwellings: 98

Survey date: TUESDAY 18/10/05 Survey Type: MANUAL LE-03-A-01 DETACHED, MELTON MOWBRAY LEI CESTERSHI RE

REDWOOD AVENUE

MELTON MOWBRAY Edge of Town Residential Zone

Total Number of dwellings: 11

Survey date: TUESDAY 03/05/05 Survey Type: MANUAL

10 LN-03-A-03 SEMI DETACHED, LINCOLN LINCOLNSHIRE

ROOKERY LANE BOULTHAM LINCOLN

Suburban Area (PPS6 Out of Centre)

Residential Zone

Total Number of dwellings: 22

Survey date: TUESDAY 18/09/12 Survey Type: MANUAL NY-03-A-01 MIXED HOUSES,NORTHALLERTON NORTH YORKSHIRE

GRAMMAR SCHOOL LANE

NORTHALLERTON

Suburban Area (PPS6 Out of Centre)

Residential Zone

Total Number of dwellings: 52

Survey date: TUESDAY 25/09/07 Survey Type: MANUAL 12 NY-03-A-03 PRI VATE HOUSI NG, BOROUGHBRI DGE NORTH YORKSHI RE

NEW ROW

BOROUGHBRIDGE Edge of Town Centre Residential Zone

Total Number of dwellings: 14

Survey date: MONDAY 15/09/08 Survey Type: MANUAL

13 NY-03-A-05 HOUSES AND FLATS, RI PON NORTH YORKSHI RE

BOROUGHBRIDGE ROAD

RIPON Edge of Town No Sub Category

Total Number of dwellings: 7

Survey date: MONDAY 22/09/08 Survey Type: MANUAL

14 SF-03-A-01 SEMI DETACHED, I PSWI CH SUFFOLK

A1156 FELIXSTOWE ROAD

RACECOURSE IPSWICH

Suburban Area (PPS6 Out of Centre)

Residential Zone

Total Number of dwellings: 77

Survey date: WEDNESDAY 23/05/07 Survey Type: MANUAL

OFF-LINE VERSION SCP LTD 2 Mount Street Licence No: 726001 Manchester

LIST OF SITES relevant to selection parameters (Cont.)

DETATCHED, SHREWSBURY SHROPSHIRE 15 SH-03-A-03

SOMERBY DRIVE **BICTON HEATH SHREWSBURY** Edge of Town No Sub Category

Total Number of dwellings: 10

> Survey date: FRIDAY 26/06/09 Survey Type: MANUAL

ST-03-A-05 16 TERRACED/ DETACHED, STOKE **STAFFORDSHIRE**

WATERMEET GROVE

ETRURIA

STOKE-ON-TRENT

Suburban Area (PPS6 Out of Centre)

Residential Zone

Total Number of dwellings: 14

Survey date: WEDNESDAY 26/11/08 Survey Type: MANUAL **WEST MIDLANDS**

WM-03-A-01 TERRACED, COVENTRY 17

FOLESHILL ROAD **FOLESHILL** COVENTRY

Suburban Area (PPS6 Out of Centre)

Residential Zone

Total Number of dwellings: 79

Survey date: FRIDAY 03/02/06 Survey Type: MANUAL

18 WM-03-A-02 DETACHED/ SEMI D., STRBRIDGE **WEST MIDLANDS**

HEATH STREET

STOURBRIDGE

Suburban Area (PPS6 Out of Centre)

Residential Zone

Total Number of dwellings: 12

Survey date: WEDNESDAY 26/04/06 Survey Type: MANUAL

19 WM-03-A-03 MI XED HOUSING, COVENTRY **WEST MIDLANDS**

BASELEY WAY ROWLEYS GREEN COVENTRY Edge of Town Residential Zone

Total Number of dwellings:

Survey date: MONDAY 24/09/07 Survey Type: MANUAL WO-03-A-01 **DETACHED, BROMSGROVE WORCESTERSHIRE**

20 MARLBOROUGH AVENUE

> **ASTON FIELDS BROMSGROVE**

Suburban Area (PPS6 Out of Centre)

Residential Zone

Total Number of dwellings: 10

Survey date: THURSDAY 23/06/05 Survey Type: MANUAL **WORCESTERSHIRE** 21 WO-03-A-02 SEMI DETACHED, REDDITCH

MEADOWHILL ROAD

REDDITCH Edge of Town No Sub Category

Total Number of dwellings: 48

> Survey date: TUESDAY 02/05/06 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.

OFF-LINE VERSION SCP LTD 2 Mount Street Manchester

Licence No: 726001

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

MULTI-MODAL VEHICLES
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

| | ARRIVALS | | DEPARTURES | | | TOTALS | | | |
|---------------|----------|--------|------------|------|--------|--------|------|--------|-------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | DWELLS | Rate | Days | DWELLS | Rate | Days | DWELLS | 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 | 21 | 39 | 0.072 | 21 | 39 | 0.265 | 21 | 39 | 0.337 |
| 08:00 - 09:00 | 21 | 39 | 0.170 | 21 | 39 | 0.389 | 21 | 39 | 0.559 |
| 09:00 - 10:00 | 21 | 39 | 0.200 | 21 | 39 | 0.225 | 21 | 39 | 0.425 |
| 10:00 - 11:00 | 21 | 39 | 0.185 | 21 | 39 | 0.230 | 21 | 39 | 0.415 |
| 11:00 - 12:00 | 21 | 39 | 0.216 | 21 | 39 | 0.195 | 21 | 39 | 0.411 |
| 12:00 - 13:00 | 21 | 39 | 0.221 | 21 | 39 | 0.168 | 21 | 39 | 0.389 |
| 13:00 - 14:00 | 21 | 39 | 0.178 | 21 | 39 | 0.184 | 21 | 39 | 0.362 |
| 14:00 - 15:00 | 21 | 39 | 0.207 | 21 | 39 | 0.220 | 21 | 39 | 0.427 |
| 15:00 - 16:00 | 21 | 39 | 0.272 | 21 | 39 | 0.246 | 21 | 39 | 0.518 |
| 16:00 - 17:00 | 21 | 39 | 0.346 | 21 | 39 | 0.188 | 21 | 39 | 0.534 |
| 17:00 - 18:00 | 21 | 39 | 0.351 | 21 | 39 | 0.223 | 21 | 39 | 0.574 |
| 18:00 - 19:00 | 21 | 39 | 0.280 | 21 | 39 | 0.183 | 21 | 39 | 0.463 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 2.698 | | | 2.716 | | | 5.414 |

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: 9 - 98 (units:)
Survey date date range: 01/01/04 - 18/09/12

Number of weekdays (Monday-Friday): 21
Number of Saturdays: 0
Number of Sundays: 0
Surveys manually removed from selection: 1

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.

SCP APPENDIX 4

OFF-LINE VERSION SCP LTD 2 Mount Street Manchester

Land Use : 03 - RESIDENTIAL

Category : F - SHELTERED ACCOMMODATION

TRIP RATE CALCULATION SELECTION PARAMETERS:

MULTI-MODAL VEHICLES

Selected regions and areas:

02 SOUTH EAST

ES EAST SUSSEX 1 days
SC SURREY 1 days

03 SOUTH WEST

DC DORSET 1 days

05 EAST MIDLANDS

DS DERBYSHIRE 1 days
LE LEICESTERSHIRE 1 days

07 YORKSHI RE & NORTH LI NCOLNSHI RE

KH KINGSTON UPON HULL 2 days WY WEST YORKSHIRE 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: 28 to 114 (units:) Range Selected by User: 28 to 114 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/04 to 15/06/10

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 1 days
Tuesday 4 days
Wednesday 1 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 undertaking using machines.

Selected Locations:

Edge of Town Centre 3
Suburban Area (PPS6 Out of Centre) 2
Edge of Town 2
Neighbourhood Centre (PPS6 Local Centre) 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 |
|------------------|---|
| Residential Zone | 3 |
| Built-Up Zone | 2 |
| No Sub Category | 2 |

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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 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:

10,001 to 15,000 2 days 25,001 to 50,000 6 days

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

Population within 5 miles:

| 100,001 to 125,000 | 2 days |
|--------------------|--------|
| 125,001 to 250,000 | 1 days |
| 250,001 to 500,000 | 4 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 | 1 days |
| 1.1 to 1.5 | 6 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.

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Tuesday 12/03/13

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LIST OF SITES relevant to selection parameters

1 DC-03-F-02 SHELTERED HOUSING, POOLE DORSET

WILLOW PARK

POOLE

Suburban Area (PPS6 Out of Centre)

Built-Up Zone

Total Number of dwellings: 114

Survey date: THURSDAY 17/07/08 Survey Type: MANUAL

2 DS-03-F-01 SHELTERED HOUSING, DERBY DERBYSHIRE

ST MICHAELS LANE

DERBY

Edge of Town Centre

Built-Up Zone

Total Number of dwellings: 40

Survey date: THURSDAY 25/06/09 Survey Type: MANUAL

3 ES-03-F-01 SHELTERED HOU., EASTBOURNE EAST SUSSEX

STAR ROAD OLD TOWN EASTBOURNE

Neighbourhood Centre (PPS6 Local Centre)

No Sub Category

Total Number of dwellings: 29

Survey date: MONDAY 30/11/09 Survey Type: MANUAL
4 KH-03-F-01 SHELTERED HOUSING, HULL KINGSTON UPON HULL

ELLIS STREET

KINGSTON-UPON-HULL Edge of Town Centre No Sub Category

Total Number of dwellings: 43

Survey date: TUESDAY 15/09/09 Survey Type: MANUAL

5 KH-03-F-02 SHELTERED HOUSING, HULL KINGSTON UPON HULL

NORTHUMBERLAND AVE.

KINGSTON-UPON-HULL Edge of Town Centre Industrial Zone

Total Number of dwellings: 58

Survey date: TUESDAY 15/09/09 Survey Type: MANUAL

6 LE-03-F-01 SHELTERED HOUSING, LEI CESTER LEI CESTERSHI RE

BELLAMY CLOSE GLEN PARVA LEI CESTER Edge of Town Residential Zone

Total Number of dwellings: 33

Survey date: WEDNESDAY 24/06/09 Survey Type: MANUAL

7 SC-03-F-01 SHELTERED ACC., GUI LDFORD SURREY

COLLIER WAY BUSHY HILL GUILFORD Edge of Town Residential Zone

Total Number of dwellings: 32

Survey date: TUESDAY 08/07/08 Survey Type: MANUAL

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OFF-LINE VERSION SCP LTD 2 Mount Street Manchester Licence No: 726001

LIST OF SITES relevant to selection parameters (Cont.)

8 WY-03-F-01 SHELTERED HOUSING, LEEDS WEST YORKSHIRE

NORTH GRANGE ROAD HEADINGLEY LEEDS Suburban Area (PPS6 Out of Centre) Residential Zone

Total Number of dwellings: 28

Survey date: TUESDAY 15/06/10 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.

OFF-LINE VERSION SCP LTD 2 Mount Street Manchester

Licence No: 726001

TRIP RATE for Land Use 03 - RESIDENTIAL/F - SHELTERED ACCOMMODATION

MULTI-MODAL VEHICLES
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

| | ARRIVALS | | DEPARTURES | | | TOTALS | | | |
|---------------|----------|--------|------------|------|--------|--------|------|--------|-------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | DWELLS | Rate | Days | DWELLS | Rate | Days | DWELLS | 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 | 8 | 47 | 0.040 | 8 | 47 | 0.034 | 8 | 47 | 0.074 |
| 08:00 - 09:00 | 8 | 47 | 0.122 | 8 | 47 | 0.085 | 8 | 47 | 0.207 |
| 09:00 - 10:00 | 8 | 47 | 0.125 | 8 | 47 | 0.122 | 8 | 47 | 0.247 |
| 10:00 - 11:00 | 8 | 47 | 0.122 | 8 | 47 | 0.164 | 8 | 47 | 0.286 |
| 11:00 - 12:00 | 8 | 47 | 0.114 | 8 | 47 | 0.111 | 8 | 47 | 0.225 |
| 12:00 - 13:00 | 8 | 47 | 0.149 | 8 | 47 | 0.130 | 8 | 47 | 0.279 |
| 13:00 - 14:00 | 8 | 47 | 0.077 | 8 | 47 | 0.103 | 8 | 47 | 0.180 |
| 14:00 - 15:00 | 8 | 47 | 0.085 | 8 | 47 | 0.069 | 8 | 47 | 0.154 |
| 15:00 - 16:00 | 8 | 47 | 0.077 | 8 | 47 | 0.095 | 8 | 47 | 0.172 |
| 16:00 - 17:00 | 8 | 47 | 0.050 | 8 | 47 | 0.074 | 8 | 47 | 0.124 |
| 17:00 - 18:00 | 8 | 47 | 0.077 | 8 | 47 | 0.069 | 8 | 47 | 0.146 |
| 18:00 - 19:00 | 8 | 47 | 0.072 | 8 | 47 | 0.050 | 8 | 47 | 0.122 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 1.110 | | | 1.106 | | | 2.216 |

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: 28 - 114 (units:)
Survey date date range: 01/01/04 - 15/06/10

Number of weekdays (Monday-Friday): 8
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.