

|                            |                                             |
|----------------------------|---------------------------------------------|
| <b>Project Name:</b>       | The Orchard House, Western Avenue, Emsworth |
| <b>Document Reference:</b> | 034.0099/JTN/1                              |
| <b>Document Name:</b>      | Junction Technical Note                     |
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| <b>Approved By:</b>        | Jon Huggett (02.08.17)                      |

## 1. INTRODUCTION

- 1.1 This Junction Technical Note (JTN) has been prepared by Paul Basham Associates on behalf of McCarthy & Stone Ltd to provide further analysis of Havant Road and its junction with Western Avenue in relation to a recent planning application on Western Avenue comprising 25 'Retirement Living' Apartments.
- 1.2 PBA have been involved in the highway planning application works which included detailed layout advice, a Transport Statement, vehicle tracking drawings, design of Western Avenue's carriageway widening and resurfacing requirements and attendance at a public consultation.
- 1.3 PBA's involvement now extends to the provision of this Junction Technical Note which aims to provide more detail on the following:
1. The safety of the Havant Road/ Western Avenue junction including details on vehicle speeds on Havant Road and visibility requirements from Western Avenue onto Havant Road;
  2. Capacity analysis at the Western Avenue/ Havant Road junction.
- 1.4 In order to provide a detailed and accurate analysis, the following information has been obtained to support this JTN:
- Automated Traffic Count (ATC) speed and volume surveys on Havant Road (20<sup>th</sup> July 2017-24<sup>th</sup> July 2017);
  - Turning Count Video Survey at Havant Road/ Western Avenue Junction (2<sup>nd</sup> May 2017-4<sup>th</sup> May 2017);
  - OS Mapping at Havant Road/ Western Avenue;
  - Highway Boundary Mapping at Havant Road/ Western Avenue.

## 2. VEHICLE SPEEDS AND JUNCTION VISIBILITY

- 2.1 To fully understand the existing speeds on Havant Road and to ensure that appropriate visibility can be achieved in accordance with these, an ATC survey was undertaken on Havant Road in the vicinity of the junction with Western Avenue.
- 2.2 The survey results demonstrate 85<sup>th</sup> percentile speeds of vehicles travelling along Havant Road of 33.7mph (eastbound) and 35.2mph (westbound). Where Saturday and Sunday surveys have resulted in speeds which are higher than the weekday average, these have also been included to ensure a robust assessment. The full ATC outputs are included as **Appendix A**.
- 2.3 A visibility splay assessment has been undertaken in accordance with the above recorded speeds. Using Manual for Streets standards, the visibility requirements for a road with these speeds is 2.4m x 54m in the primary direction and 2.4m x 50.7m in the secondary direction.
- 2.4 As demonstrated in **Appendix B**, visibility in accordance with these speeds can be achieved, with the visibility splay shown to be fully within the highway boundary (and therefore not encroaching on third-party land). The highway boundary mapping is included as **Appendix C**.

### 3. CAPACITY ANALYSIS AT WESTERN AVENUE/ HAVANT ROAD JUNCTION

- 3.1 In order to fully appreciate the potential increase in traffic as a result of the proposed development, a capacity assessment has been undertaken at the Havant Road/ Western Avenue junction in both the existing situation and with the addition of the proposed development traffic.
- 3.2 To obtain accurate readings, an ATC survey has been undertaken on Havant Road, and a turning count survey undertaken at the Havant Road/ Western Avenue junction (as described in **Section 1**).
- 3.3 The results of the ATC surveys (using average weekday counts only to provide a robust analysis of existing traffic) and the turning count surveys are demonstrated in **Figure 1**. The full outputs are included as **Appendix A** (ATC surveys) and **Appendix D** (turning count surveys).

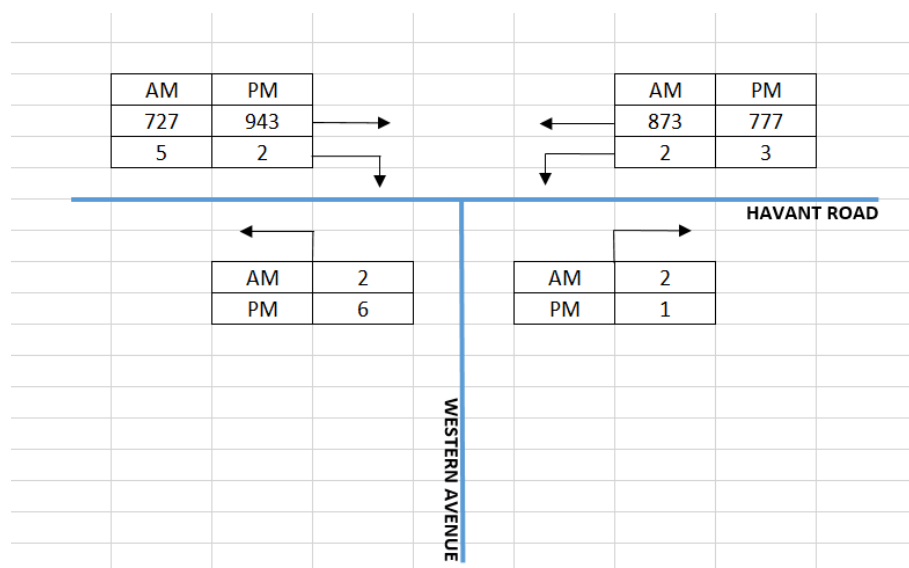


**Figure 1:** Existing Traffic Distribution

- 3.4 In order to gauge the number of vehicle movements expected to be generated by the development, the national TRICS database has been used. As outlined in the application's Transport Statement, the parameters chosen as part of the TRICS assessment reflect local and potential site conditions. Whilst further detail is provided in the Transport Statement, **Table 1** demonstrates a summary of the TRICS analysis.

| TRICS (v.7.4.1)                         | AM Peak<br>(0800-0900) |            | PM Peak<br>(1700-1800) |            | Daily<br>(12 Hours) |
|-----------------------------------------|------------------------|------------|------------------------|------------|---------------------|
|                                         | Arrivals               | Departures | Arrivals               | Departures |                     |
| Retirement Flat Trip Rate<br>(Per unit) | 0.112                  | 0.089      | 0.045                  | 0.077      | 2.912               |
| 25 Retirement Flats                     | 3                      | 2          | 1                      | 2          | 73                  |

**Table 1:** TRICS Trip Generation- Residential 'Retirement' Use

- 3.5 As demonstrated in **Table 1**, the proposed site is anticipated to add 5 trips to the junction in the AM Peak period and 3 trips to the junction in the PM Peak period.
- 3.6 The distribution of this traffic is anticipated to follow the existing trends at the Western Avenue Junction, whereby (as demonstrated in **Figure 1**), the AM Peak period sees an even split of eastbound/ westbound traffic from the junction onto Havant Road, with the majority of traffic entering Western Avenue from the west (eastbound traffic). In comparison in the PM Peak period, the majority of traffic exiting Western Avenue currently turns left (westbound) onto Havant Road, whilst traffic entering Western Avenue is again fairly even, with one more vehicle from the east (westbound) direction.
- 3.7 The resulting site traffic distribution (added to the existing distribution) is demonstrated in **Figure 2**.

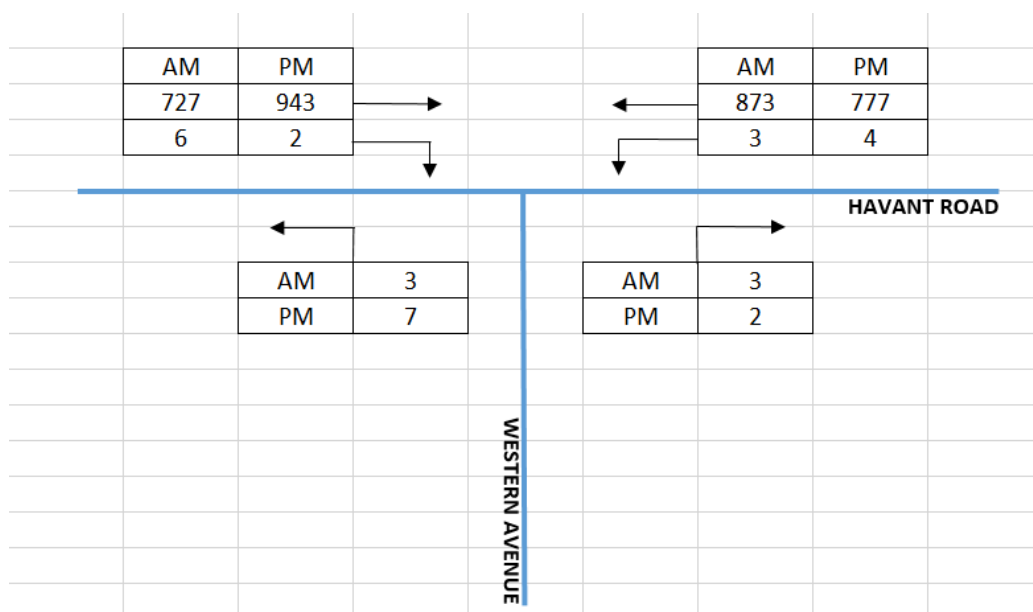


**Figure 2:** Proposed Distribution with the addition of Development Traffic

3.8 Modelling has been completed using the latest industry standard software; Junctions 9. The outputs for each model provide a Ratio of Flow to Capacity (RFC) and maximum queue lengths associated with each stream (i.e. the arm of the junction). RFC values exceeding 0.85 signify the point at which capacity is being approached and the potential to improve capacity should be explored, whilst RFC values of 1.00 represent that the junction is operating at capacity.

## Modelling Results

### Existing Situation

3.9 The results showing the existing capacity of the Havant Road/ Western Avenue junction are presented in **Table 2**, with the full Junction 9 outputs attached as **Appendix E**.

| Junction Arm            | AM Peak (0800-0900) |               |                 | PM Peak (1700-1800) |               |                 |
|-------------------------|---------------------|---------------|-----------------|---------------------|---------------|-----------------|
|                         | RFC                 | Maximum Queue | Delay (seconds) | RFC                 | Maximum Queue | Delay (seconds) |
| Site Access             | 0.02                | 0             | 13.96           | 0.03                | 0             | 11.17           |
| Havant Road (Eastbound) | -                   | -             | -               | -                   | -             | -               |
| Havant Road (Westbound) | 0.02                | 0             | 9.02            | 0.01                | 0.0           | 8.71            |

**Table 2:** Existing Capacity Analysis at Havant Road/ Western Avenue Junction

3.10 The modelling results demonstrate that the existing junction performs well within capacity at present, with minimal queuing on the minor arm (a maximum of 0.02 vehicles) and a maximum delay in seconds of 13.96 (in the AM Peak period).

### Existing Situation + Proposed Development Traffic

3.11 The results showing the existing capacity of the Havant Road/ Western Avenue junction are presented in **Table 3**, with the full Junction 9 outputs attached as **Appendix E**.

| Junction Arm            | AM Peak (0800-0900) |               |                 | PM Peak (1700-1800) |               |                 |
|-------------------------|---------------------|---------------|-----------------|---------------------|---------------|-----------------|
|                         | RFC                 | Maximum Queue | Delay (seconds) | RFC                 | Maximum Queue | Delay (seconds) |
| Site Access             | 0.02                | 0             | 13.96           | 0.03                | 0             | 11.17           |
| Havant Road (Eastbound) | -                   | -             | -               | -                   | -             | -               |
| Havant Road (Westbound) | 0.02                | 0             | 9.02            | 0.01                | 0.0           | 8.71            |

**Table 3:** Capacity Analysis at Havant Road/ Western Avenue Junction with the addition of Development Traffic

3.12 The modelling results demonstrate that with the addition of development traffic, the junction will operate in the same way as the existing situation; the additional traffic is expected to add no increase in queues or delay on either the Western Avenue arm or the

Havant Road arm of the junction. The reason for this is that, at any one time, there are not expected to be any additional queues on the Western Avenue arm, as a total maximum trip generation of 7 vehicles (as demonstrated in **Figure 2**) equates to just one vehicle every 10 minutes.

- 3.13 It is therefore considered that the proposed development is acceptable in junction capacity terms.

#### 4. CONCLUSIONS

- 4.1 This JTN has been prepared by PBA to provide further information in relation to a proposed McCarthy & Stone 'Retirement Living' development at The Orchard House, Western Avenue, Emsworth.
- 4.2 The purpose of this note has been to assess the achievable visibility in accordance with recently obtained ATC surveys, and to consider the capacity at the Havant Road/ Western Avenue junction in both its' existing operation and with the addition of development traffic.
- 4.3 The visibility splays demonstrate that visibility can be achieved, within the highway boundary, in both the primary and secondary direction in accordance with the recorded 85<sup>th</sup> percentile speeds on Havant Road.
- 4.4 The junction capacity analysis demonstrates that the junction currently operates well within capacity with maximum delays of c.14 seconds, and that the addition of development traffic does not impact the operation of this junction.

## Appendix A

Report Id 420 / 17  
Site Name Site 1 of 1  
Description A259 Havant Road, 20m west of Western Avenue  
Direction Eastbound

Thursday 20 July 2017

| Time        | Hourly Totals | 00-15 | 15 Minute Bin Drops |       | 45-00 | Cycles | Motor Cycles | Car Van | Car Van Towing | Number Vehicle Classes ARX Scheme |              |              |              |              |              |              |                   |                   |              | Vehicle Speed |               |               |               |               |               |               |               |               |               | P-Tile 0.85 | Average Speed | Standard deviation |               |               |      |      |     |
|-------------|---------------|-------|---------------------|-------|-------|--------|--------------|---------|----------------|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|-------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|---------------|--------------------|---------------|---------------|------|------|-----|
|             |               |       | 15-30               | 30-45 |       |        |              |         |                | 2 Axle Van Lorry                  | 3 Axle Rigid | 4 Axle Rigid | 3 Axle Artic | 4 Axle Artic | 5 Axle Artic | 6 Axle Artic | Double Road Train | Triple Road Train | MPH 0 <10mph | MPH 10 <15mph | MPH 15 <20mph | MPH 20 <25mph | MPH 25 <30mph | MPH 30 <35mph | MPH 35 <40mph | MPH 40 <45mph | MPH 45 <50mph | MPH 50 <55mph | MPH 55 <60mph |             |               |                    | MPH 60 <65mph | MPH 65 <70mph |      |      |     |
| 0000 - 0100 | 39            | 21    | 6                   | 7     | 5     | 0      | 3            | 36      | 0              | 0                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 39.8          | 34.5 | 6.3  |     |
| 0100 - 0200 | 13            | 3     | 4                   | 4     | 4     | 0      | 1            | 11      | 0              | 1                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 1             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 39.8          | 33.2 | 8.0  |     |
| 0200 - 0300 | 7             | 1     | 3                   | 1     | 2     | 0      | 0            | 4       | 0              | 3                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | -             | 34.1          | 4.3  |      |     |
| 0300 - 0400 | 4             | 1     | 3                   | 0     | 0     | 0      | 0            | 3       | 0              | 1                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 33.7          | 2.0  |      |     |
| 0400 - 0500 | 20            | 4     | 3                   | 6     | 7     | 0      | 0            | 13      | 0              | 7                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 1             | 2             | 0             | 4             | 1             | 0             | 0             | 0           | 0             | 0                  | 0             | 42.4          | 34.3 | 9.7  |     |
| 0500 - 0600 | 63            | 4     | 10                  | 21    | 28    | 0      | 1            | 50      | 0              | 12                                | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 1             | 2             | 0             | 4             | 23            | 18            | 9             | 5           | 1             | 0                  | 0             | 0             | 41.3 | 36.3 | 6.8 |
| 0600 - 0700 | 201           | 35    | 36                  | 44    | 86    | 0      | 2            | 172     | 2              | 25                                | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 6             | 2             | 34            | 69            | 66            | 19            | 4           | 1             | 0                  | 0             | 0             | 39.1 | 34.1 | 5.6 |
| 0700 - 0800 | 631           | 103   | 155                 | 185   | 188   | 0      | 7            | 557     | 1              | 56                                | 3            | 3            | 2            | 2            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 4             | 6             | 24            | 258           | 275           | 52            | 11          | 1             | 0                  | 0             | 0             | 34.0 | 30.4 | 4.0 |
| 0800 - 0900 | 729           | 199   | 168                 | 185   | 177   | 1      | 1            | 674     | 3              | 41                                | 4            | 2            | 0            | 1            | 1            | 1            | 1                 | 0                 | 0            | 0             | 0             | 0             | 9             | 6             | 33            | 360           | 283           | 32            | 6             | 0           | 0             | 0                  | 0             | 0             | 32.8 | 29.6 | 3.8 |
| 0900 - 1000 | 639           | 141   | 157                 | 177   | 164   | 1      | 4            | 564     | 3              | 54                                | 2            | 6            | 1            | 2            | 1            | 1            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 7             | 37            | 282           | 284           | 27            | 1             | 0           | 0             | 0                  | 1             | 33.0          | 29.9 | 4.3  |     |
| 1000 - 1100 | 654           | 178   | 150                 | 170   | 156   | 0      | 0            | 654     | 3              | 59                                | 3            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 3             | 4             | 33            | 319           | 259           | 32            | 2             | 0           | 0             | 0                  | 0             | 0             | 32.9 | 29.9 | 5.1 |
| 1100 - 1200 | 687           | 176   | 156                 | 175   | 180   | 3      | 0            | 623     | 3              | 50                                | 1            | 2            | 0            | 2            | 1            | 1            | 1                 | 0                 | 0            | 0             | 0             | 0             | 2             | 3             | 46            | 331           | 268           | 36            | 1             | 0           | 0             | 0                  | 0             | 0             | 33.1 | 29.7 | 3.3 |
| 1200 - 1300 | 750           | 199   | 184                 | 175   | 192   | 3      | 0            | 690     | 1              | 48                                | 2            | 4            | 0            | 1            | 0            | 1            | 0                 | 0                 | 0            | 0             | 0             | 0             | 7             | 8             | 51            | 360           | 299           | 22            | 3             | 0           | 0             | 0                  | 0             | 0             | 32.4 | 29.2 | 3.6 |
| 1300 - 1400 | 633           | 161   | 150                 | 176   | 146   | 2      | 3            | 575     | 5              | 41                                | 1            | 4            | 1            | 1            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 5             | 5             | 21            | 264           | 274           | 57            | 6             | 0           | 0             | 0                  | 0             | 0             | 34.2 | 30.5 | 4.5 |
| 1400 - 1500 | 748           | 192   | 190                 | 184   | 182   | 0      | 3            | 684     | 11             | 43                                | 1            | 4            | 0            | 1            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 3             | 16            | 25            | 389           | 271           | 40            | 3             | 0           | 0             | 0                  | 0             | 0             | 32.8 | 29.4 | 3.7 |
| 1500 - 1600 | 759           | 177   | 216                 | 162   | 204   | 0      | 2            | 708     | 8              | 36                                | 0            | 3            | 1            | 0            | 0            | 0            | 1                 | 0                 | 0            | 0             | 0             | 0             | 0             | 5             | 28            | 352           | 335           | 36            | 3             | 0           | 0             | 0                  | 0             | 0             | 32.8 | 30.0 | 3.1 |
| 1600 - 1700 | 912           | 243   | 225                 | 220   | 224   | 1      | 11           | 844     | 7              | 48                                | 0            | 1            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 4             | 9             | 55            | 490           | 314           | 34            | 5             | 0           | 1             | 0                  | 0             | 0             | 32.0 | 29.2 | 3.5 |
| 1700 - 1800 | 983           | 232   | 262                 | 247   | 242   | 3      | 10           | 933     | 10             | 24                                | 1            | 1            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 9             | 23            | 25            | 88            | 518           | 300           | 15            | 4             | 0           | 1             | 0                  | 0             | 0             | 31.7 | 29.1 | 4.7 |
| 1800 - 1900 | 791           | 222   | 209                 | 193   | 167   | 4      | 2            | 753     | 5              | 22                                | 2            | 0            | 3            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 3             | 18            | 11            | 44            | 339           | 325           | 48            | 3             | 0           | 0             | 0                  | 0             | 0             | 33.3 | 29.4 | 4.6 |
| 1900 - 2000 | 597           | 177   | 146                 | 158   | 116   | 2      | 6            | 574     | 1              | 14                                | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 2             | 12            | 21            | 193           | 298           | 66            | 4             | 1           | 0             | 0                  | 0             | 0             | 34.4 | 30.8 | 4.0 |
| 2000 - 2100 | 382           | 128   | 94                  | 79    | 81    | 1      | 6            | 349     | 7              | 16                                | 0            | 2            | 0            | 0            | 1            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 3             | 12            | 151           | 167           | 55            | 8             | 4           | 1             | 1                  | 0             | 0             | 35.9 | 31.5 | 4.6 |
| 2100 - 2200 | 249           | 63    | 86                  | 49    | 51    | 0      | 2            | 243     | 0              | 4                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 1             | 1             | 2             | 105           | 106           | 27            | 5             | 2           | 0             | 0                  | 0             | 0             | 34.9 | 31.1 | 3.9 |
| 2200 - 2300 | 208           | 66    | 57                  | 42    | 43    | 3      | 2            | 196     | 2              | 5                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 2             | 2             | 4             | 61            | 104           | 31            | 2             | 1           | 0             | 0                  | 1             | 0             | 35.6 | 31.6 | 4.7 |
| 2300 - 0000 | 89            | 24    | 26                  | 18    | 21    | 0      | 3            | 84      | 1              | 1                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 1             | 25            | 39            | 12            | 3           | 0             | 0                  | 0             | 0             | 39.3 | 33.3 | 5.0 |
| 0700 - 1900 | 8916          | 2223  | 2222                | 2249  | 2222  | 18     | 43           | 8194    | 60             | 522                               | 20           | 30           | 8            | 10           | 4            | 6            | 1                 | 0                 | 13           | 78            | 105           | 485           | 4262          | 3487          | 431           | 48            | 1             | 2             | 0             | 0           | 4             | 32.8               | 29.5          | 4.1           |      |      |     |
| 0600 - 2200 | 10345         | 2626  | 2584                | 2579  | 2556  | 21     | 59           | 9532    | 70             | 581                               | 20           | 32           | 8            | 10           | 5            | 6            | 1                 | 0                 | 13           | 81            | 127           | 522           | 4725          | 4127          | 645           | 84            | 12            | 4             | 1             | 0           | 4             | 33.2               | 29.8          | 4.2           |      |      |     |
| 0600 - 0000 | 10642         | 2716  | 2667                | 2639  | 2620  | 24     | 64           | 9812    | 73             | 587                               | 20           | 32           | 8            | 10           | 5            | 6            | 1                 | 0                 | 13           | 83            | 129           | 527           | 4811          | 4270          | 688           | 95            | 16            | 4             | 1             | 1           | 4             | 33.3               | 29.9          | 4.3           |      |      |     |
| 0000 - 0000 | 10788         | 2750  | 2696                | 2678  | 2664  | 24     | 69           | 9929    | 73             | 611                               | 20           | 32           | 8            | 10           | 5            | 6            | 1                 | 0                 | 13           | 86            | 133           | 527           | 4830          | 4325          | 723           | 113           | 26            | 5             | 1             | 2           | 4             | 33.4               | 29.9          | 4.4           |      |      |     |

Friday 21 July 2017

| Time        | Hourly Totals | 15 Minute Bin Drops |       |       | 45-90 | Cycles | Motor Cycles | Car Van | Car Van Towing | Number Vehicle Classes ARX Scheme |              |              |              |              |              |              |                   | Vehicle Speed     |              |               |               |               |               |               |               |               |               |               |               | P-Tile 0.85 | Average Speed | Standard deviation |               |                |      |      |      |      |     |
|-------------|---------------|---------------------|-------|-------|-------|--------|--------------|---------|----------------|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|-------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|---------------|--------------------|---------------|----------------|------|------|------|------|-----|
|             |               | 00-15               | 15-30 | 30-45 |       |        |              |         |                | 2 Axle Van Lorry                  | 3 Axle Rigid | 4 Axle Rigid | 3 Axle Artic | 4 Axle Artic | 5 Axle Artic | 6 Axle Artic | Double Road Train | Triple Road Train | MPH 0 <10mph | MPH 10 <15mph | MPH 15 <20mph | MPH 20 <25mph | MPH 25 <30mph | MPH 30 <35mph | MPH 35 <40mph | MPH 40 <45mph | MPH 45 <50mph | MPH 50 <55mph | MPH 55 <60mph |             |               |                    | MPH 60 <65mph | MPH 65 <140mph |      |      |      |      |     |
| 0000 - 0100 | 43            | 13                  | 10    | 9     | 11    | 0      | 1            | 40      | 0              | 2                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 14            | 7             | 14            | 2           | 3             | 0                  | 0             | 0              | 41.1 | 34.9 | 7.3  |      |     |
| 0100 - 0200 | 19            | 5                   | 7     | 1     | 6     | 0      | 0            | 14      | 0              | 5                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 1             | 6             | 5             | 1             | 0           | 0             | 0                  | 0             | 37.1           | 32.6 | 4.7  |      |      |     |
| 0200 - 0300 | 13            | 7                   | 1     | 2     | 3     | 0      | 0            | 11      | 0              | 2                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 2             | 3             | 3             | 2             | 2           | 1             | 0                  | 0             | 46.0           | 38.2 | 7.1  |      |      |     |
| 0300 - 0400 | 17            | 4                   | 5     | 6     | 2     | 0      | 0            | 17      | 0              | 0                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 3             | 4             | 3             | 2             | 4           | 0             | 0                  | 0             | 47.6           | 36.0 | 9.9  |      |      |     |
| 0400 - 0500 | 25            | 2                   | 6     | 5     | 12    | 0      | 1            | 18      | 0              | 5                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 2             | 6             | 4             | 3             | 6           | 1             | 0                  | 0             | 49.4           | 36.6 | 11.1 |      |      |     |
| 0500 - 0600 | 62            | 3                   | 7     | 23    | 29    | 0      | 2            | 47      | 0              | 13                                | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 12            | 19            | 16            | 7             | 6           | 2             | 0                  | 0             | 44.0           | 36.4 | 6.4  |      |      |     |
| 0600 - 0700 | 190           | 26                  | 33    | 63    | 68    | 1      | 0            | 167     | 0              | 19                                | 2            | 0            | 0            | 1            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 5             | 1             | 10            | 37            | 64          | 52            | 16                 | 4             | 0              | 1    | 0    | 39.2 | 33.4 | 6.6 |
| 0700 - 0800 | 635           | 131                 | 165   | 172   | 167   | 0      | 6            | 573     | 3              | 45                                | 3            | 4            | 1            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 6             | 20            | 241           | 299           | 50          | 7             | 2                  | 0             | 0              | 33.9 | 30.5 | 4.2  |      |     |
| 0800 - 0900 | 737           | 184                 | 190   | 205   | 158   | 1      | 3            | 678     | 2              | 47                                | 2            | 1            | 0            | 2            | 0            | 0            | 0                 | 1                 | 2            | 6             | 10            | 47            | 360           | 280           | 30            | 2             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 0              | 32.5 | 29.3 | 3.8  |      |     |
| 0900 - 1000 | 651           | 178                 | 144   | 161   | 166   | 1      | 3            | 590     | 2              | 59                                | 2            | 2            | 0            | 2            | 0            | 0            | 0                 | 0                 | 0            | 0             | 2             | 7             | 27            | 336           | 250           | 29            | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 32.4           | 29.5 | 3.3  |      |      |     |
| 1000 - 1100 | 686           | 149                 | 167   | 184   | 186   | 2      | 3            | 610     | 4              | 60                                | 2            | 4            | 0            | 0            | 1            | 0            | 0                 | 0                 | 0            | 2             | 10            | 17            | 56            | 369           | 220           | 11            | 1             | 0             | 0             | 0           | 0             | 0                  | 0             | 31.9           | 28.4 | 4.1  |      |      |     |
| 1100 - 1200 | 716           | 173                 | 167   | 194   | 182   | 2      | 1            | 663     | 4              | 43                                | 0            | 1            | 0            | 1            | 1            | 0            | 0                 | 0                 | 0            | 1             | 2             | 14            | 74            | 388           | 222           | 15            | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 31.9           | 28.5 | 3.6  |      |      |     |
| 1200 - 1300 | 832           | 204                 | 201   | 219   | 208   | 4      | 5            | 774     | 5              | 38                                | 1            | 1            | 2            | 1            | 0            | 0            | 0                 | 1                 | 0            | 3             | 3             | 80            | 476           | 244           | 26            | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 31.8           | 28.8 | 3.2  |      |      |     |
| 1300 - 1400 | 801           | 232                 | 197   | 177   | 178   | 3      | 2            | 801     | 7              | 52                                | 0            | 4            | 1            | 1            | 0            | 0            | 0                 | 1                 | 1            | 8             | 8             | 59            | 386           | 306           | 29            | 3             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 32.4           | 29.0 | 4.0  |      |      |     |
| 1400 - 1500 | 755           | 146                 | 193   | 196   | 220   | 0      | 5            | 691     | 5              | 43                                | 1            | 6            | 0            | 2            | 0            | 2            | 0                 | 0                 | 0            | 7             | 2             | 33            | 405           | 280           | 24            | 1             | 1             | 1             | 0             | 1           | 0             | 0                  | 0             | 32.4           | 29.4 | 3.6  |      |      |     |
| 1500 - 1600 | 891           | 226                 | 231   | 203   | 231   | 1      | 5            | 822     | 5              | 53                                | 2            | 2            | 0            | 0            | 0            | 0            | 0                 | 3                 | 14           | 12            | 60            | 520           | 249           | 32            | 1             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 31.8           | 28.6 | 4.0  |      |      |     |
| 1600 - 1700 | 890           | 237                 | 206   | 214   | 233   | 0      | 7            | 834     | 11             | 34                                | 0            | 3            | 0            | 0            | 0            | 0            | 0                 | 1                 | 2            | 6             | 45            | 475           | 323           | 30            | 5             | 2             | 2             | 0             | 0             | 0           | 0             | 0                  | 0             | 32.5           | 29.5 | 3.4  |      |      |     |
| 1700 - 1800 | 928           | 221                 | 226   | 268   | 213   | 2      | 5            | 881     | 7              | 29                                | 1            | 1            | 0            | 0            | 0            | 0            | 0                 | 2                 | 5            | 12            | 73            | 482           | 303           | 46            | 5             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 32.3           | 29.1 | 3.8  |      |      |     |
| 1800 - 1900 | 686           | 178                 | 151   | 187   | 170   | 0      | 9            | 656     | 5              | 15                                | 0            | 0            | 0            | 0            | 1            | 0            | 0                 | 0                 | 0            | 7             | 30            | 327           | 268           | 44            | 7             | 1             | 0             | 2             | 0             | 0           | 0             | 0                  | 0             | 33.4           | 30.1 | 3.9  |      |      |     |
| 1900 - 2000 | 560           | 157                 | 149   | 126   | 128   | 0      | 3            | 540     | 4              | 12                                | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 2             | 2             | 19            | 235           | 246           | 53            | 1             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 33.6           | 30.3 | 3.4  |      |      |     |
| 2000 - 2100 | 331           | 92                  | 91    | 71    | 77    | 0      | 2            | 319     | 2              | 8                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 1            | 1             | 11            | 118           | 157           | 36            | 7             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 34.4          | 31.0           | 3.7  |      |      |      |     |
| 2100 - 2200 | 219           | 62                  | 55    | 53    | 49    | 0      | 0            | 215     | 1              | 3                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 1             | 1             | 9             | 76            | 101           | 28            | 3             | 0             | 0             | 0             | 0           | 0             | 0                  | 34.8          | 30.8           | 3.9  |      |      |      |     |
| 2200 - 2300 | 124           | 47                  | 49    | 42    | 46    | 2      | 1            | 177     | 1              | 2                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 2             | 3             | 61            | 83            | 26            | 8             | 1             | 0             | 0             | 0           | 0             | 0                  | 35.8          | 31.6           | 4.2  |      |      |      |     |
| 2300 - 0000 | 132           | 39                  | 41    | 27    | 25    | 0      | 1            | 127     | 0              | 4                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 36.6          | 32.3           | 4.6  |      |      |      |     |
| 0700 - 1800 | 9208          | 2259                | 2235  | 2400  | 2314  | 16     | 54           | 8492    | 60             | 518                               | 14           | 29           | 4            | 10           | 2            | 6            | 0                 | 3                 | 12           | 65            | 107           | 604           | 4765          | 3244          | 366           | 32            | 6             | 3             | 3             | 1           | 0             | 0                  | 0             | 32.3           | 29.2 | 3.8  |      |      |     |
| 0600 - 2200 | 10508         | 2596                | 2563  | 2713  | 2636  | 17     | 59           | 9733    | 67             | 560                               | 16           | 29           | 4            | 11           | 2            | 7            | 0                 | 3                 | 12           | 74            | 112           | 653           | 5231          | 3814          | 535           | 59            | 10            | 3             | 4             | 1           | 0             | 0                  | 0             | 32.7           | 29.4 | 3.9  |      |      |     |
| 0600 - 0600 | 10824         | 2682                | 2653  | 2782  | 2707  | 19     | 61           | 10038   | 68             | 566                               | 16           | 29           | 4            | 11           | 3            | 7            | 0                 | 3                 | 12           | 76            | 114           | 660           | 5330          | 3955          | 584           | 73            | 14            | 3             | 4             | 1           | 0             | 0                  | 0             | 32.8           | 29.5 | 3.9  |      |      |     |
| 0600 - 0600 | 11003         | 2716                | 2689  | 2828  | 2770  | 19     | 65           | 10185   | 68             | 593                               | 16           | 29           | 4            | 11           | 3            | 7            | 0                 | 3                 | 12           | 76            | 116           | 662           | 5370          | 4000          | 629           | 89            | 34            | 8             | 6             | 1           | 0             | 0                  | 0             | 32.8           | 29.6 | 4.1  |      |      |     |

Saturday 22 July 2017

| Time        | Hourly Totals | 15 Minute Bin Drops |       |       |       | Cycles | Motor Cycles | Car Van | Car Van Towing | Number Vehicle Classes ARX Scheme |              |              |              |              |              |               |               | 5 Axle Artic | 6 Axle Artic | Double Road Train | Triple Road Train | Vehicle Speed |               |               |               |               |               |               |               |               |               |   |   | P-Tile 0.85 | Average Speed | Standard deviation |      |      |     |
|-------------|---------------|---------------------|-------|-------|-------|--------|--------------|---------|----------------|-----------------------------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|--------------|--------------|-------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---|---|-------------|---------------|--------------------|------|------|-----|
|             |               | 00-15               | 15-30 | 30-45 | 45-00 |        |              |         |                | 2 Axle Van Lorry                  | 3 Axle Rigid | 4 Axle Rigid | 3 Axle Artic | 4 Axle Artic | MPH 0 <10mph | MPH 10 <15mph | MPH 15 <20mph |              |              |                   |                   | MPH 20 <25mph | MPH 25 <30mph | MPH 30 <35mph | MPH 35 <40mph | MPH 40 <45mph | MPH 45 <50mph | MPH 50 <55mph | MPH 55 <60mph | MPH 60 <65mph | MPH 65 <70mph |   |   |             |               |                    |      |      |     |
| 0000 - 0100 | 63            | 18                  | 19    | 15    | 11    | 0      | 0            | 60      | 0              | 3                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 15            | 26            | 13            | 6             | 1             | 2 | 0 | 0           | 40.1          | 34.4               | 5.8  |      |     |
| 0100 - 0200 | 35            | 9                   | 9     | 10    | 7     | 0      | 0            | 32      | 0              | 3                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 8             | 4             | 14            | 6             | 1             | 1 | 0 | 0           | 42.7          | 36.9               | 7.3  |      |     |
| 0200 - 0300 | 15            | 6                   | 5     | 1     | 3     | 0      | 0            | 15      | 0              | 0                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 4             | 5             | 4             | 1             | 0             | 0 | 0 | 0           | 36.9          | 31.7               | 5.4  |      |     |
| 0300 - 0400 | 16            | 9                   | 1     | 3     | 3     | 0      | 0            | 16      | 0              | 0                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 2             | 3             | 3             | 5             | 3             | 0 | 0 | 0           | 45.1          | 38.4               | 5.7  |      |     |
| 0400 - 0500 | 12            | 4                   | 1     | 1     | 6     | 0      | 0            | 9       | 0              | 3                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 1             | 1             | 9             | 4             | 0 | 0 | 0           | 45.6          | 40.1               | 6.4  |      |     |
| 0500 - 0600 | 33            | 7                   | 6     | 11    | 9     | 0      | 0            | 27      | 0              | 6                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 1             | 1             | 7             | 10            | 8 | 3 | 1           | 0             | 0                  | 46.5 | 38.6 | 8.8 |
| 0600 - 0700 | 101           | 14                  | 30    | 26    | 31    | 2      | 1            | 86      | 0              | 11                                | 0            | 0            | 0            | 1            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 1             | 5             | 6             | 17            | 18            | 31            | 15            | 4             | 3             | 1 | 0 | 0           | 42.6          | 34.5               | 8.2  |      |     |
| 0700 - 0800 | 190           | 35                  | 40    | 44    | 71    | 1      | 1            | 190     | 4              | 13                                | 0            | 2            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 4             | 6             | 46            | 78            | 38            | 12            | 4             | 2             | 0 | 0 | 0           | 38.2          | 32.7               | 5.9  |      |     |
| 0800 - 0900 | 349           | 60                  | 76    | 90    | 123   | 1      | 4            | 321     | 1              | 21                                | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 1             | 0             | 2             | 7             | 122           | 147           | 62            | 6             | 2             | 0 | 0 | 0           | 35.7          | 31.5               | 4.3  |      |     |
| 0900 - 1000 | 565           | 123                 | 137   | 147   | 158   | 2      | 3            | 527     | 5              | 26                                | 0            | 2            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 4             | 1             | 16            | 208           | 288           | 62            | 4             | 1             | 0             | 0 | 0 | 1           | 34.4          | 31.0               | 4.2  |      |     |
| 1000 - 1100 | 861           | 176                 | 245   | 234   | 206   | 1      | 4            | 813     | 11             | 23                                | 1            | 8            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 70            | 78            | 87            | 110           | 336           | 167           | 11            | 1             | 0             | 0             | 0 | 0 | 0           | 30.8          | 24.0               | 8.3  |      |     |
| 1100 - 1200 | 757           | 183                 | 201   | 174   | 199   | 3      | 2            | 725     | 4              | 19                                | 1            | 0            | 1            | 1            | 1            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 10            | 23            | 48            | 352           | 291           | 28            | 4             | 1             | 0             | 0 | 0 | 0           | 32.7          | 29.2               | 4.2  |      |     |
| 1200 - 1300 | 738           | 192                 | 190   | 180   | 176   | 2      | 1            | 708     | 3              | 23                                | 0            | 0            | 0            | 1            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 1             | 3             | 12            | 27            | 342           | 312           | 36            | 4             | 0             | 1 | 0 | 0           | 0             | 33.1               | 29.8 | 3.7  |     |
| 1300 - 1400 | 671           | 170                 | 164   | 163   | 174   | 1      | 0            | 650     | 4              | 16                                | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 1             | 6             | 43            | 306           | 267           | 44            | 4             | 0             | 0             | 0 | 0 | 0           | 33.1          | 29.9               | 3.5  |      |     |
| 1400 - 1500 | 652           | 154                 | 177   | 158   | 163   | 0      | 3            | 628     | 5              | 14                                | 1            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 5             | 19            | 279           | 284           | 59            | 5             | 0             | 1             | 0             | 0 | 0 | 0           | 33.8          | 30.6               | 3.5  |      |     |
| 1500 - 1600 | 594           | 147                 | 141   | 166   | 140   | 0      | 1            | 566     | 3              | 21                                | 0            | 0            | 0            | 1            | 1            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 5             | 2             | 16            | 219           | 290           | 54            | 7             | 1             | 0             | 0 | 0 | 0           | 34.1          | 30.8               | 3.8  |      |     |
| 1600 - 1700 | 638           | 170                 | 159   | 152   | 157   | 0      | 1            | 616     | 7              | 10                                | 2            | 0            | 1            | 1            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 2             | 3             | 28            | 262           | 292           | 55            | 5             | 0             | 1             | 0 | 0 | 0           | 0             | 34.2               | 30.6 | 3.7  |     |
| 1700 - 1800 | 660           | 158                 | 180   | 181   | 141   | 2      | 1            | 639     | 1              | 13                                | 2            | 1            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 2             | 3             | 20            | 208           | 365           | 59            | 2             | 1             | 0 | 0 | 0           | 0             | 34.1               | 30.9 | 3.4  |     |
| 1800 - 1900 | 504           | 150                 | 120   | 110   | 124   | 1      | 3            | 485     | 1              | 13                                | 0            | 1            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 1             | 10            | 10            | 146           | 282           | 51            | 3             | 1             | 0             | 0 | 0 | 0           | 0             | 34.2               | 31.2 | 3.7  |     |
| 1900 - 2000 | 438           | 108                 | 142   | 95    | 93    | 0      | 0            | 431     | 1              | 6                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 1             | 5             | 12            | 171           | 188           | 53            | 8             | 0             | 0             | 0 | 0 | 0           | 0             | 34.7               | 30.9 | 3.9  |     |
| 2000 - 2100 | 290           | 81                  | 66    | 58    | 55    | 0      | 1            | 256     | 0              | 3                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 1             | 0             | 4             | 71            | 135           | 43            | 5             | 1             | 0             | 0 | 0 | 0           | 35.4          | 32.1               | 3.6  |      |     |
| 2100 - 2200 | 181           | 41                  | 50    | 48    | 42    | 0      | 2            | 177     | 0              | 2                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 1             | 2             | 6             | 60            | 71            | 31            | 8             | 1             | 1             | 0 | 0 | 0           | 0             | 36.4               | 31.7 | 5.0  |     |
| 2200 - 2300 | 183           | 52                  | 58    | 38    | 35    | 0      | 1            | 181     | 0              | 1                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 2             | 58            | 82            | 38            | 2             | 0             | 1             | 0 | 0 | 0           | 36.0          | 32.0               | 3.9  |      |     |
| 2300 - 0000 | 199           | 35                  | 41    | 55    | 68    | 0      | 1            | 191     | 1              | 3                                 | 0            | 1            | 0            | 0            | 1            | 0             | 1             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 1             | 2             | 65            | 98            | 27            | 4             | 1             | 0 | 1 | 0           | 0             | 35.6               | 31.8 | 4.1  |     |
| 0700 - 1900 | 7179          | 1718                | 1830  | 1799  | 1832  | 14     | 24           | 6850    | 46             | 212                               | 7            | 14           | 3            | 5            | 1            | 3             | 0             | 0            | 0            | 0                 | 0                 | 72            | 106           | 158           | 350           | 2826          | 3033          | 559           | 57            | 11            | 5             | 0 | 0 | 2           | 33.7          | 29.7               | 5.1  |      |     |
| 0600 - 2200 | 8159          | 1962                | 2118  | 2026  | 2053  | 16     | 28           | 7800    | 47             | 234                               | 7            | 14           | 3            | 6            | 1            | 3             | 0             | 0            | 0            | 0                 | 0                 | 72            | 110           | 170           | 378           | 3145          | 3445          | 717           | 93            | 17            | 9             | 1 | 0 | 2           | 34.0          | 30.0               | 5.1  |      |     |
| 0600 - 0000 | 8541          | 2049                | 2217  | 2119  | 2156  | 16     | 30           | 8172    | 48             | 238                               | 7            | 15           | 3            | 6            | 2            | 3             | 1             | 0            | 0            | 0                 | 0                 | 72            | 111           | 172           | 382           | 3268          | 3625          | 782           | 99            | 18            | 10            | 2 | 0 | 2           | 34.1          | 30.1               | 5.1  |      |     |
| 0000 - 0600 | 8715          | 2102                | 2258  | 2160  | 2195  | 16     | 30           | 8331    | 48             | 253                               | 7            | 15           | 3            | 6            | 2            | 3             | 1             | 0            | 0            | 0                 | 0                 | 72            | 111           | 172           | 383           | 3299          | 3671          | 830           | 127           | 29            | 15            | 3 | 1 | 2           | 34.2          | 30.2               | 5.2  |      |     |

Sunday 23 July 2017

| Time        | Hourly Totals | 00-15 | 15 Minute Bin Drops |              |              | 45-90 | Cycles | Motor Cycles | Car Van | Car Van Towing | Number Vehicle Classes ARX Scheme |              |              |              |                   |                   |              |               |               |               | Vehicle Speed |               |               |               |               |               |               |               |                |     |     |     | P-Title 0.85 | Average Speed | Standard deviation |      |      |      |      |     |
|-------------|---------------|-------|---------------------|--------------|--------------|-------|--------|--------------|---------|----------------|-----------------------------------|--------------|--------------|--------------|-------------------|-------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|-----|-----|-----|--------------|---------------|--------------------|------|------|------|------|-----|
|             |               |       | 2 Axle Van Lorry    | 3 Axle Rigid | 4 Axle Rigid |       |        |              |         |                | 3 Axle Artic                      | 4 Axle Artic | 5 Axle Artic | 6 Axle Artic | Double Road Train | Triple Road Train | MPH 0 <10mph | MPH 10 <15mph | MPH 15 <20mph | MPH 20 <25mph | MPH 25 <30mph | MPH 30 <35mph | MPH 35 <40mph | MPH 40 <45mph | MPH 45 <50mph | MPH 50 <55mph | MPH 55 <60mph | MPH 60 <65mph | MPH 65 <140mph |     |     |     |              |               |                    |      |      |      |      |     |
| 0000 - 0100 | 286           | 94    | 76                  | 60           | 56           | 1     | 0      | 0            | 272     | 0              | 9                                 | 0            | 1            | 0            | 0                 | 0                 | 1            | 1             | 0             | 0             | 0             | 1             | 0             | 0             | 1             | 0             | 0             | 2             | 94             | 122 | 51  | 11  | 5            | 0             | 0                  | 0    | 37.2 | 32.3 | 4.6  |     |
| 0100 - 0200 | 153           | 45    | 48                  | 41           | 19           | 0     | 1      | 1            | 140     | 0              | 10                                | 0            | 0            | 0            | 0                 | 0                 | 0            | 1             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 4             | 29             | 51  | 39  | 21  | 7            | 2             | 0                  | 0    | 40.8 | 34.8 | 5.8  |     |
| 0200 - 0300 | 42            | 18    | 12                  | 9            | 3            | 0     | 1      | 39           | 0       | 1              | 0                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 4             | 10             | 17  | 6   | 5   | 0            | 0             | 0                  | 44.6 | 37.4 | 5.5  |      |     |
| 0300 - 0400 | 34            | 11    | 11                  | 7            | 5            | 0     | 0      | 33           | 0       | 1              | 0                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 2             | 3              | 14  | 8   | 4   | 0            | 1             | 1                  | 0    | 43.8 | 36.4 | 8.9  |     |
| 0400 - 0500 | 9             | 2     | 1                   | 6            | 0            | 0     | 0      | 6            | 0       | 2              | 1                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 1             | 3              | 2   | 2   | 0   | 1            | 0             | 0                  | 37.5 | 37.5 | 7.5  |      |     |
| 0500 - 0600 | 17            | 2     | 2                   | 6            | 7            | 0     | 0      | 15           | 0       | 1              | 1                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 4             | 3              | 3   | 2   | 3   | 2            | 3             | 0                  | 0    | 52.1 | 39.5 | 9.4  |     |
| 0600 - 0700 | 64            | 10    | 11                  | 22           | 21           | 0     | 1      | 60           | 0       | 2              | 0                                 | 1            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 3             | 8              | 15  | 16  | 9   | 4            | 1             | 1                  | 0    | 42.5 | 34.0 | 9.0  |     |
| 0700 - 0800 | 128           | 14    | 35                  | 39           | 40           | 6     | 0      | 119          | 0       | 3              | 0                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 4             | 9              | 4   | 30  | 48  | 22           | 11            | 0                  | 0    | 38.4 | 30.9 | 6.9  |     |
| 0800 - 0900 | 214           | 44    | 52                  | 49           | 69           | 3     | 7      | 194          | 1       | 9              | 0                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 1             | 2              | 5   | 53  | 99  | 33           | 18            | 2                  | 0    | 0    | 37.6 | 32.7 | 5.2 |
| 0900 - 1000 | 452           | 95    | 111                 | 129          | 117          | 5     | 6      | 420          | 3       | 17             | 1                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 4             | 14             | 170 | 212 | 43  | 7            | 0             | 0                  | 0    | 34.2 | 30.8 | 3.8  |     |
| 1000 - 1100 | 609           | 123   | 157                 | 149          | 180          | 8     | 7      | 570          | 7       | 10             | 0                                 | 4            | 1            | 0            | 0                 | 0                 | 0            | 1             | 0             | 0             | 1             | 2             | 5             | 3             | 28            | 320           | 214           | 31            | 4              | 1   | 0   | 0   | 0            | 0             | 0                  | 0    | 32.6 | 29.5 | 3.8  |     |
| 1100 - 1200 | 686           | 166   | 167                 | 172          | 182          | 7     | 7      | 643          | 8       | 21             | 0                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 8             | 3              | 19  | 347 | 274 | 31           | 4             | 0                  | 0    | 0    | 32.5 | 29.8 | 3.5 |
| 1200 - 1300 | 725           | 184   | 185                 | 173          | 183          | 2     | 8      | 705          | 3       | 7              | 0                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 7             | 12             | 32  | 342 | 287 | 41           | 3             | 0                  | 0    | 0    | 33.1 | 29.7 | 5.1 |
| 1300 - 1400 | 601           | 143   | 162                 | 149          | 147          | 1     | 3      | 678          | 5       | 13             | 1                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 4             | 2              | 16  | 249 | 271 | 54           | 3             | 2                  | 0    | 0    | 33.6 | 30.5 | 3.6 |
| 1400 - 1500 | 659           | 172   | 146                 | 186          | 155          | 1     | 3      | 638          | 7       | 9              | 1                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 2             | 9              | 29  | 285 | 279 | 47           | 7             | 1                  | 0    | 0    | 33.7 | 30.2 | 3.8 |
| 1500 - 1600 | 700           | 167   | 174                 | 176          | 183          | 0     | 3      | 677          | 7       | 12             | 1                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 4             | 16             | 26  | 275 | 335 | 40           | 3             | 0                  | 1    | 0    | 33.3 | 30.1 | 3.9 |
| 1600 - 1700 | 566           | 155   | 160                 | 127          | 124          | 1     | 3      | 539          | 8       | 14             | 0                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 3             | 7              | 6   | 215 | 261 | 69           | 4             | 0                  | 1    | 0    | 34.7 | 31.0 | 3.8 |
| 1700 - 1800 | 445           | 112   | 110                 | 110          | 113          | 0     | 3      | 427          | 1       | 13             | 0                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 2             | 10             | 154 | 207 | 65  | 7            | 0             | 0                  | 0    | 35.1 | 31.3 | 3.6  |     |
| 1800 - 1900 | 387           | 100   | 90                  | 91           | 106          | 0     | 2      | 374          | 3       | 8              | 0                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 2             | 7              | 118 | 191 | 59  | 10           | 0             | 0                  | 0    | 35.5 | 31.8 | 3.8  |     |
| 1900 - 2000 | 302           | 84    | 65                  | 75           | 78           | 1     | 0      | 252          | 0       | 5              | 0                                 | 0            | 0            | 1            | 2                 | 1                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 4             | 1              | 84  | 130 | 68  | 13           | 1             | 1                  | 0    | 0    | 36.9 | 32.6 | 4.5 |
| 2000 - 2100 | 242           | 72    | 68                  | 53           | 49           | 0     | 3      | 236          | 0       | 3              | 0                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 1             | 3              | 2   | 54  | 57  | 64           | 18            | 2                  | 0    | 0    | 39.0 | 33.4 | 5.3 |
| 2100 - 2200 | 175           | 52    | 53                  | 32           | 38           | 0     | 0      | 166          | 1       | 7              | 0                                 | 0            | 0            | 0            | 0                 | 1                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 4              | 53  | 79  | 29  | 7            | 2             | 0                  | 0    | 0    | 36.5 | 32.0 | 4.4 |
| 2200 - 2300 | 105           | 28    | 30                  | 26           | 21           | 0     | 1      | 101          | 1       | 2              | 0                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 37             | 41  | 18  | 7   | 1            | 1             | 0                  | 0    | 37.2 | 32.6 | 5.1  |     |
| 2300 - 0000 | 47            | 13    | 12                  | 11           | 11           | 0     | 0      | 47           | 0       | 0              | 0                                 | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 14             | 14  | 16  | 3   | 0            | 0             | 0                  | 0    | 36.8 | 33.5 | 4.8  |     |
| 0700 - 1900 | 6172          | 1475  | 1548                | 1550         | 1599         | 34    | 52     | 5884         | 53      | 136            | 4                                 | 4            | 2            | 1            | 1                 | 0                 | 0            | 0             | 0             | 0             | 0             | 1             | 40            | 73            | 196           | 2558          | 2678          | 535           | 81             | 6   | 2   | 0   | 1            | 1             | 1                  | 33.9 | 30.4 | 4.1  |      |     |
| 0600 - 2200 | 6955          | 1693  | 1745                | 1732         | 1785         | 35    | 56     | 6638         | 54      | 153            | 4                                 | 5            | 2            | 3            | 3                 | 1                 | 0            | 1             | 1             | 1             | 1             | 42            | 87            | 206           | 2757          | 2999          | 712           | 128           | 15             | 4   | 2   | 1   | 1            | 1             | 34.4               | 30.7 | 4.3  |      |      |     |
| 0600 - 0600 | 7107          | 1737  | 1734                | 1757         | 1784         | 35    | 57     | 6786         | 55      | 155            | 4                                 | 5            | 2            | 3            | 3                 | 1                 | 0            | 1             | 1             | 1             | 1             | 42            | 87            | 206           | 2808          | 3054          | 746           | 138           | 16             | 5   | 2   | 1   | 1            | 1             | 34.5               | 30.8 | 4.4  |      |      |     |
| 0000 - 0600 | 7648          | 1906  | 1937                | 1898         | 1907         | 36    | 59     | 7291         | 56      | 179            | 6                                 | 6            | 2            | 4            | 4                 | 3                 | 0            | 2             | 1             | 1             | 1             | 43            | 87            | 214           | 2943          | 3257          | 865           | 185           | 35             | 12  | 3   | 1   | 2            | 1             | 34.6               | 31.0 | 4.6  |      |      |     |

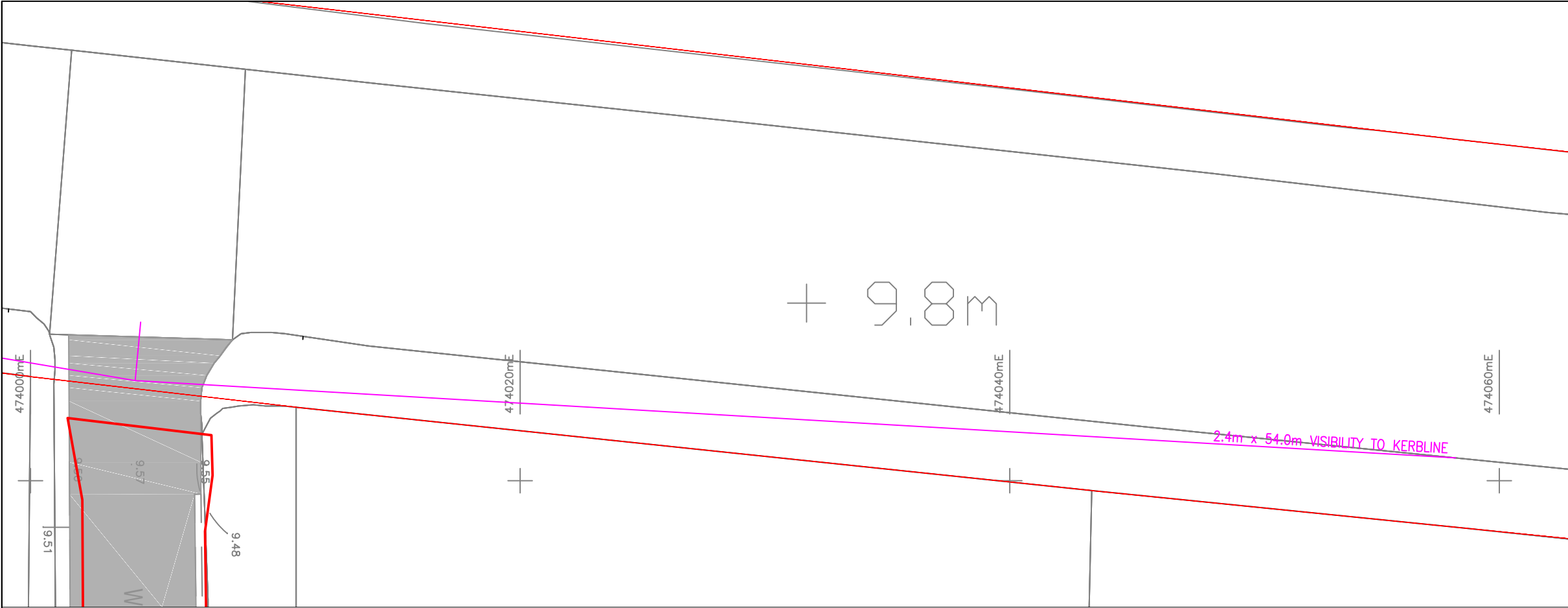
Monday 24 July 2017

| Time        | Hourly Totals | 15 Minute Bin Drops |       |       |       | Cycles | Motor Cycles | Car Van | Car Van Towing | Number Vehicle Classes ARX Scheme |              |              |              |              |              |               |               | 5 Axle Artic | 6 Axle Artic | Double Road Train | Triple Road Train | Vehicle Speed |               |               |               |               |               |               |               |               |                |      |      | P-Title 0.85 | Average Speed | Standard deviation |      |      |      |      |     |
|-------------|---------------|---------------------|-------|-------|-------|--------|--------------|---------|----------------|-----------------------------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|--------------|--------------|-------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|------|------|--------------|---------------|--------------------|------|------|------|------|-----|
|             |               | 00-15               | 15-30 | 30-45 | 45-90 |        |              |         |                | 2 Axle Van Lorry                  | 3 Axle Rigid | 4 Axle Rigid | 3 Axle Artic | 4 Axle Artic | MPH 0 <10mph | MPH 10 <15mph | MPH 15 <20mph |              |              |                   |                   | MPH 20 <25mph | MPH 25 <30mph | MPH 30 <35mph | MPH 35 <40mph | MPH 40 <45mph | MPH 45 <50mph | MPH 50 <55mph | MPH 55 <60mph | MPH 60 <65mph | MPH 65 <140mph |      |      |              |               |                    |      |      |      |      |     |
| 0000 - 0100 | 30            | 11                  | 5     | 6     | 8     | 0      | 0            | 30      | 0              | 0                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 3             | 12            | 9             | 3              | 2    | 0    | 0            | 41.8          | 36.5               | 6.1  |      |      |      |     |
| 0100 - 0200 | 17            | 9                   | 3     | 3     | 2     | 1      | 0            | 16      | 0              | 0                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 4             | 4             | 1             | 4              | 3    | 0    | 0            | 46.5          | 35.2               | 9.5  |      |      |      |     |
| 0200 - 0300 | 9             | 4                   | 1     | 1     | 3     | 0      | 0            | 7       | 0              | 2                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 1             | 2             | 2             | 1              | 2    | 0    | 0            | -             | 40.0               | 9.6  |      |      |      |     |
| 0300 - 0400 | 8             | 4                   | 0     | 0     | 4     | 0      | 0            | 8       | 0              | 0                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 3             | 3              | 1    | 0    | 0            | 0             | 47.2               | 10.7 |      |      |      |     |
| 0400 - 0500 | 19            | 2                   | 6     | 5     | 6     | 1      | 0            | 12      | 0              | 6                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 3             | 5             | 5             | 3              | 0    | 1    | 0            | 0             | 43.7               | 33.3 | 10.0 |      |      |     |
| 0500 - 0600 | 49            | 8                   | 12    | 18    | 11    | 0      | 2            | 37      | 0              | 9                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 3             | 15            | 17            | 9              | 4    | 0    | 0            | 0             | 43.5               | 36.9 | 5.6  |      |      |     |
| 0600 - 0700 | 222           | 35                  | 44    | 55    | 88    | 0      | 1            | 198     | 1              | 22                                | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 3             | 6             | 25            | 86             | 58   | 29   | 7            | 3             | 1                  | 40.6 | 34.5 | 6.6  |      |     |
| 0700 - 0800 | 553           | 107                 | 133   | 141   | 172   | 2      | 5            | 482     | 3              | 48                                | 1            | 5            | 1            | 5            | 0            | 1             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 2             | 7             | 12             | 23   | 193  | 268          | 44            | 4                  | 0    | 0    | 34.1 | 30.1 | 4.5 |
| 0800 - 0900 | 715           | 174                 | 165   | 195   | 181   | 0      | 6            | 643     | 6              | 50                                | 0            | 5            | 1            | 3            | 0            | 1             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 4             | 12            | 52             | 357  | 258  | 29           | 2             | 0                  | 0    | 32.6 | 29.2 | 3.9  |     |
| 0900 - 1000 | 639           | 156                 | 155   | 157   | 171   | 1      | 2            | 571     | 3              | 53                                | 3            | 4            | 0            | 1            | 1            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 3             | 2             | 12             | 308  | 264  | 47           | 3             | 0                  | 0    | 33.4 | 30.3 | 3.3  |     |
| 1000 - 1100 | 655           | 148                 | 140   | 188   | 179   | 2      | 3            | 584     | 4              | 52                                | 0            | 7            | 1            | 1            | 1            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 4             | 8             | 34             | 327  | 245  | 37           | 0             | 0                  | 0    | 32.9 | 29.4 | 3.7  |     |
| 1100 - 1200 | 629           | 151                 | 151   | 172   | 155   | 1      | 4            | 570     | 10             | 41                                | 1            | 1            | 0            | 0            | 0            | 1             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 3             | 11            | 22             | 289  | 260  | 38           | 6             | 0                  | 0    | 33.4 | 29.9 | 3.9  |     |
| 1200 - 1300 | 735           | 203                 | 189   | 171   | 172   | 2      | 0            | 680     | 7              | 40                                | 1            | 1            | 1            | 0            | 1            | 1             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 1             | 8             | 30             | 385  | 279  | 32           | 0             | 0                  | 0    | 32.5 | 29.5 | 3.2  |     |
| 1300 - 1400 | 709           | 161                 | 176   | 178   | 194   | 1      | 4            | 639     | 7              | 50                                | 4            | 3            | 0            | 1            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 1             | 11            | 41             | 341  | 273  | 39           | 3             | 0                  | 0    | 33.1 | 29.6 | 3.6  |     |
| 1400 - 1500 | 718           | 198                 | 177   | 169   | 174   | 2      | 2            | 652     | 6              | 48                                | 3            | 4            | 1            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 8             | 11            | 52             | 365  | 244  | 32           | 5             | 1                  | 0    | 32.4 | 29.1 | 4.0  |     |
| 1500 - 1600 | 770           | 161                 | 207   | 176   | 226   | 1      | 5            | 713     | 2              | 42                                | 2            | 4            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 3             | 8             | 37             | 429  | 272  | 16           | 1             | 0                  | 1    | 31.8 | 29.3 | 3.9  |     |
| 1600 - 1700 | 893           | 199                 | 226   | 245   | 223   | 5      | 2            | 837     | 7              | 37                                | 0            | 2            | 0            | 2            | 0            | 1             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 5             | 5              | 68   | 492  | 303          | 29            | 1                  | 0    | 0    | 31.9 | 29.2 | 3.2 |
| 1700 - 1800 | 918           | 247                 | 248   | 243   | 180   | 2      | 10           | 860     | 8              | 35                                | 1            | 1            | 0            | 0            | 0            | 1             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 2             | 29            | 83             | 487  | 276  | 33           | 6             | 1                  | 0    | 32.0 | 28.8 | 4.0  |     |
| 1800 - 1900 | 736           | 199                 | 208   | 168   | 161   | 4      | 6            | 699     | 3              | 22                                | 0            | 1            | 1            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 7             | 15            | 18             | 345  | 299  | 44           | 7             | 1                  | 0    | 33.6 | 29.9 | 4.0  |     |
| 1900 - 2000 | 518           | 147                 | 136   | 131   | 104   | 4      | 7            | 486     | 2              | 17                                | 0            | 1            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 3             | 6             | 14             | 179  | 237  | 66           | 10            | 1                  | 0    | 35.0 | 31.2 | 4.6  |     |
| 2000 - 2100 | 328           | 90                  | 85    | 74    | 79    | 3      | 6            | 301     | 2              | 16                                | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 7             | 7             | 105            | 140  | 48   | 16           | 2             | 0                  | 37.0 | 31.8 | 5.1  |      |     |
| 2100 - 2200 | 218           | 63                  | 61    | 48    | 46    | 1      | 1            | 200     | 1              | 12                                | 0            | 0            | 0            | 3            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 3             | 96             | 86   | 20   | 11           | 1             | 0                  | 0    | 35.0 | 31.2 | 4.5  |     |
| 2200 - 2300 | 155           | 58                  | 40    | 31    | 26    | 1      | 1            | 150     | 0              | 3                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 1             | 5             | 50             | 63   | 24   | 8            | 3             | 0                  | 0    | 37.3 | 31.9 | 5.2  |     |
| 2300 - 0000 | 63            | 20                  | 12    | 16    | 15    | 1      | 3            | 59      | 0              | 0                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 1             | 3             | 15             | 19   | 10   | 1            | 1             | 0                  | 40.2 | 33.6 | 5.9  |      |     |
| 0700 - 1800 | 8670          | 2104                | 2175  | 2203  | 2188  | 23     | 49           | 7930    | 66             | 518                               | 16           | 38           | 6            | 13           | 4            | 6             | 1             | 0            | 2            | 48                | 132               | 462           | 4310          | 3241          | 420           | 38            | 3             | 1             | 3             | 1             | 3              | 1    | 3    | 1            | 1             | 1                  | 32.7 | 29.5 | 3.8  |      |     |
| 0600 - 2200 | 9956          | 2439                | 2501  | 2511  | 2505  | 31     | 64           | 9115    | 72             | 585                               | 16           | 39           | 10           | 13           | 4            | 6             | 1             | 0            | 2            | 57                | 147               | 492           | 4723          | 3792          | 612           | 104           | 14            | 5             | 5             | 1             | 2              | 33.2 | 29.8 | 4.1          |               |                    |      |      |      |      |     |
| 0600 - 0600 | 10174         | 2501                | 2517  | 2553  | 2546  | 33     | 68           | 9324    | 72             | 588                               | 16           | 39           | 10           | 13           | 4            | 7             | 1             | 0            | 2            | 59                | 148               | 497           | 4788          | 3881          | 647           | 120           | 18            | 6             | 5             | 1             | 2              | 33.3 | 29.8 | 4.1          |               |                    |      |      |      |      |     |
| 0000 - 0600 | 10306         | 2555                | 2580  | 2591  | 2580  | 35     | 70           | 9434    | 72             | 605                               | 16           | 39           | 10           | 13           | 4            | 7             | 1             | 0            | 3            | 62                | 148               | 498           | 4802          | 3919          | 664           | 143           | 30            | 7             | 7             | 1             | 2              | 33.4 | 29.9 | 4.3          |               |                    |      |      |      |      |     |

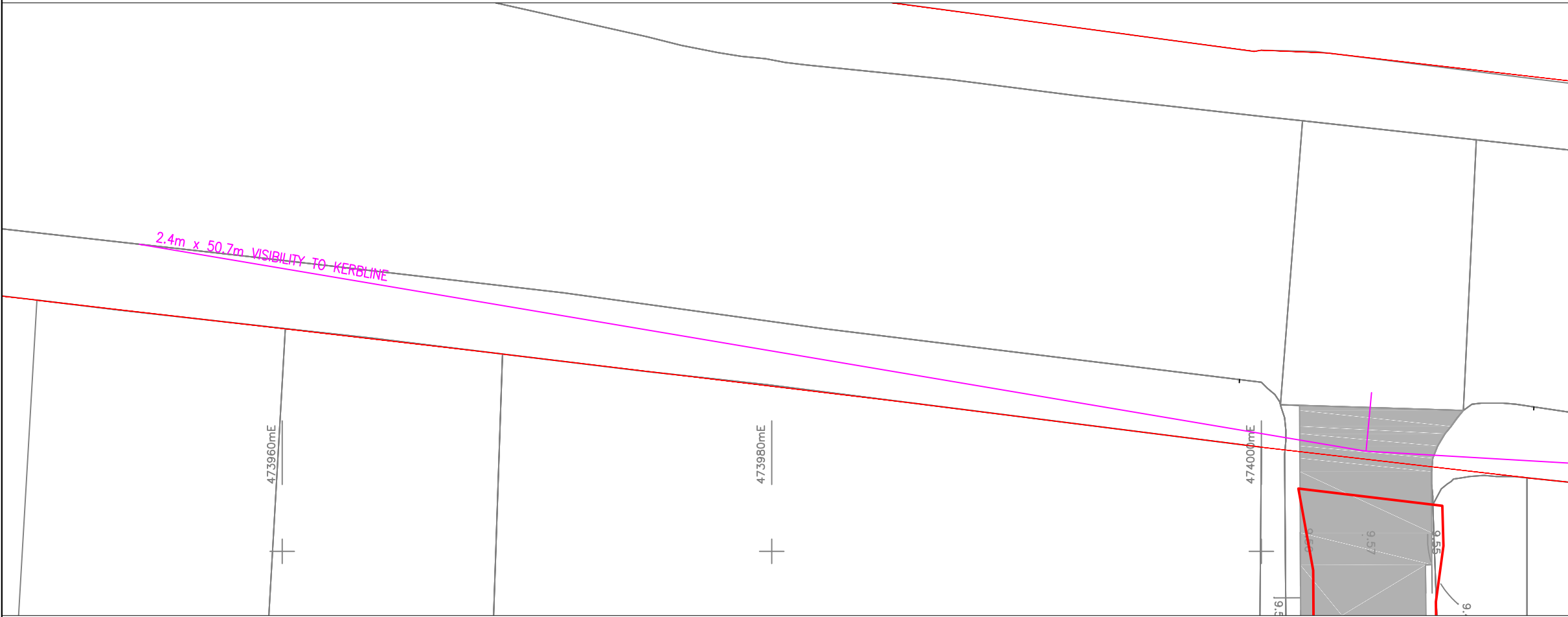
| Virtual Day (5) |               |                     |       |       |       |        |              |         |                |                                   |              |              |              |              |              |              |                   |                   |              |               |               |               |               |               |               |               |               |             |               |                    |               |               |               |               |
|-----------------|---------------|---------------------|-------|-------|-------|--------|--------------|---------|----------------|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|-------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|---------------|--------------------|---------------|---------------|---------------|---------------|
| Time            | Hourly Totals | 15 Minute Bin Drops |       |       |       | Cycles | Motor Cycles | Car Van | Car Van Towing | Number Vehicle Classes ARX Scheme |              |              |              |              |              |              |                   | Vehicle Speed     |              |               |               |               |               |               |               |               |               | P-Tile 0.85 | Average Speed | Standard deviation |               |               |               |               |
|                 |               | 00-15               | 15-30 | 30-45 | 45-60 |        |              |         |                | 2 Axle Van Lorry                  | 3 Axle Rigid | 4 Axle Rigid | 3 Axle Artic | 4 Axle Artic | 5 Axle Artic | 6 Axle Artic | Double Road Train | Triple Road Train | MPH 0 <10mph | MPH 10 <15mph | MPH 15 <20mph | MPH 20 <25mph | MPH 25 <30mph | MPH 30 <35mph | MPH 35 <40mph | MPH 40 <45mph | MPH 45 <50mph |             |               |                    | MPH 50 <55mph | MPH 55 <60mph | MPH 60 <65mph | MPH 65 <70mph |
| 0000 - 0100     | 92            | 31                  | 23    | 19    | 18    | 0      | 1            | 88      | 0              | 3                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 38.4          | 33.3          | 5.5           |
| 0100 - 0200     | 47            | 14                  | 14    | 12    | 7     | 0      | 0            | 43      | 0              | 4                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 41.0          | 34.9          | 6.4           |
| 0200 - 0300     | 17            | 7                   | 4     | 3     | 3     | 0      | 0            | 15      | 0              | 2                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 44.8          | 36.5          | 6.6           |
| 0300 - 0400     | 16            | 6                   | 4     | 3     | 3     | 0      | 0            | 15      | 0              | 0                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 45.0          | 36.6          | 8.5           |
| 0400 - 0500     | 17            | 3                   | 3     | 5     | 6     | 0      | 0            | 12      | 0              | 5                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 45.3          | 35.9          | 9.7           |
| 0500 - 0600     | 45            | 5                   | 7     | 16    | 17    | 0      | 1            | 35      | 0              | 8                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 44.2          | 37.0          | 7.0           |
| 0600 - 0700     | 156           | 24                  | 31    | 42    | 59    | 1      | 1            | 137     | 1              | 16                                | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 40.2          | 34.1          | 6.8           |
| 0700 - 0800     | 427           | 78                  | 106   | 116   | 128   | 2      | 4            | 381     | 2              | 33                                | 1            | 3            | 1            | 1            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 34.4          | 30.6          | 4.6           |
| 0800 - 0900     | 549           | 132                 | 130   | 145   | 142   | 1      | 4            | 502     | 3              | 34                                | 1            | 2            | 0            | 1            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 33.3          | 29.9          | 4.2           |
| 0900 - 1000     | 589           | 139                 | 141   | 154   | 156   | 2      | 4            | 532     | 3              | 42                                | 2            | 3            | 0            | 1            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 33.4          | 30.2          | 4.8           |
| 1000 - 1100     | 693           | 155                 | 172   | 185   | 181   | 3      | 3            | 633     | 6              | 41                                | 1            | 5            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 32.1          | 28.0          | 6.0           |
| 1100 - 1200     | 695           | 170                 | 168   | 177   | 180   | 3      | 3            | 645     | 6              | 35                                | 1            | 1            | 0            | 1            | 1            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 32.7          | 29.4          | 3.8           |
| 1200 - 1300     | 756           | 196                 | 190   | 184   | 186   | 3      | 3            | 711     | 4              | 31                                | 1            | 1            | 1            | 1            | 1            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 32.6          | 29.4          | 3.8           |
| 1300 - 1400     | 683           | 173                 | 169   | 173   | 168   | 2      | 2            | 634     | 6              | 34                                | 1            | 2            | 0            | 1            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 33.2          | 29.9          | 3.9           |
| 1400 - 1500     | 706           | 172                 | 177   | 179   | 179   | 1      | 3            | 659     | 7              | 31                                | 1            | 3            | 0            | 1            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 32.9          | 29.7          | 3.8           |
| 1500 - 1600     | 743           | 176                 | 194   | 177   | 197   | 0      | 3            | 697     | 5              | 33                                | 1            | 2            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 32.7          | 29.6          | 3.8           |
| 1600 - 1700     | 780           | 201                 | 195   | 192   | 192   | 1      | 5            | 734     | 8              | 29                                | 0            | 1            | 0            | 1            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 32.9          | 29.7          | 3.6           |
| 1700 - 1800     | 787           | 194                 | 205   | 210   | 178   | 2      | 6            | 748     | 5              | 23                                | 1            | 1            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 32.9          | 29.3          | 4.2           |
| 1800 - 1900     | 621           | 170                 | 156   | 150   | 146   | 2      | 4            | 593     | 3              | 16                                | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 33.9          | 30.3          | 4.1           |
| 1900 - 2000     | 483           | 135                 | 128   | 117   | 104   | 1      | 3            | 465     | 2              | 11                                | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 34.9          | 31.0          | 4.1           |
| 2000 - 2100     | 309           | 93                  | 81    | 67    | 68    | 1      | 4            | 292     | 2              | 9                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 36.0          | 31.9          | 4.6           |
| 2100 - 2200     | 208           | 56                  | 61    | 46    | 45    | 0      | 1            | 200     | 1              | 6                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 35.5          | 31.3          | 4.3           |
| 2200 - 2300     | 167           | 50                  | 47    | 36    | 34    | 1      | 1            | 161     | 1              | 3                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 36.1          | 31.9          | 4.6           |
| 2300 - 0000     | 106           | 26                  | 26    | 25    | 28    | 0      | 2            | 102     | 0              | 2                                 | 0            | 0            | 0            | 0            | 0            | 0            | 0                 | 0                 | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0           | 0             | 0                  | 0             | 37.1          | 32.6          | 4.7           |
| 0700 - 1800     | 8029          | 1956                | 2002  | 2040  | 2031  | 21     | 44           | 7470    | 57             | 381                               | 12           | 23           | 5            | 8            | 2            | 4            | 0                 | 1                 | 20           | 67            | 115           | 419           | 3746          | 3137          | 462           | 51            | 5             | 3           | 1             | 1                  | 2             | 33.1          | 29.6          | 4.2           |
| 0600 - 2200     | 9185          | 2263                | 2302  | 2312  | 2307  | 24     | 53           | 8564    | 62             | 423                               | 13           | 24           | 5            | 9            | 3            | 5            | 0                 | 1                 | 20           | 73            | 129           | 450           | 4116          | 3635          | 644           | 94            | 14            | 5           | 3             | 1                  | 2             | 33.4          | 29.9          | 4.3           |
| 0600 - 0000     | 9458          | 2340                | 2375  | 2373  | 2369  | 25     | 56           | 8826    | 63             | 427                               | 13           | 24           | 5            | 9            | 3            | 5            | 1                 | 1                 | 20           | 74            | 130           | 454           | 4201          | 3757          | 689           | 105           | 16            | 6           | 3             | 1                  | 2             | 33.5          | 29.9          | 4.4           |
| 0000 - 0000     | 9692          | 2406                | 2432  | 2431  | 2423  | 26     | 59           | 9034    | 63             | 448                               | 13           | 24           | 5            | 9            | 4            | 5            | 1                 | 1                 | 20           | 76            | 131           | 457           | 4249          | 3834          | 746           | 131           | 31            | 9           | 4             | 1                  | 2             | 33.7          | 30.1          | 4.5           |

| Virtual Week (1) |               |       |                     |       |       |        |              |         |                |                                   |              |              |              |              |              |               |               |              |              |                   |                   |               |               |               |               |               |               |               |               |               |                |             |               |                    |   |  |
|------------------|---------------|-------|---------------------|-------|-------|--------|--------------|---------|----------------|-----------------------------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|--------------|--------------|-------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|-------------|---------------|--------------------|---|--|
| Time             | Hourly Totals | 00-15 | 15 Minute Bin Drops |       | 45-90 | Cycles | Motor Cycles | Car Van | Car Van Towing | Number Vehicle Classes ARX Scheme |              |              |              |              |              |               |               | 5 Axle Artic | 6 Axle Artic | Double Road Train | Triple Road Train | Vehicle Speed |               |               |               |               |               |               |               |               |                | P-Tile 0.85 | Average Speed | Standard deviation |   |  |
|                  |               |       | 15-30               | 30-45 |       |        |              |         |                | 2 Axle Van Lorry                  | 3 Axle Rigid | 4 Axle Rigid | 3 Axle Artic | 4 Axle Artic | MPH 0 <10mph | MPH 10 <20mph | MPH 15 <20mph |              |              |                   |                   | MPH 20 <25mph | MPH 25 <30mph | MPH 30 <35mph | MPH 35 <40mph | MPH 40 <45mph | MPH 45 <50mph | MPH 50 <55mph | MPH 55 <60mph | MPH 60 <65mph | MPH 65 <140mph |             |               |                    |   |  |
| Mon              | 10306         | 2555  | 2580                | 2591  | 2580  | 35     | 70           | 9434    | 72             | 605                               | 16           | 39           | 10           | 13           | 4            | 7             | 1             | 0            | 3            | 62                | 148               | 498           | 4802          | 3919          | 684           | 143           | 30            | 7             | 7             | 1             | 2              | 33.4        | 29.9          | 4.3                |   |  |
| Tue              | 0             | 0     | 0                   | 0     | 0     | 0      | 0            | 0       | 0              | 0                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0              | -           | -             | -                  |   |  |
| Wed              | 0             | 0     | 0                   | 0     | 0     | 0      | 0            | 0       | 0              | 0                                 | 0            | 0            | 0            | 0            | 0            | 0             | 0             | 0            | 0            | 0                 | 0                 | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0              | 0           | -             | -                  | - |  |
| Thu              | 10788         | 2750  | 2696                | 2678  | 2664  | 24     | 69           | 9929    | 73             | 611                               | 20           | 32           | 8            | 10           | 5            | 6             | 1             | 0            | 13           | 86                | 133               | 527           | 4830          | 4325          | 723           | 113           | 26            | 5             | 1             | 2             | 4              | 33.4        | 29.9          | 4.4                |   |  |
| Fri              | 11003         | 2716  | 2689                | 2828  | 2770  | 19     | 65           | 10185   | 68             | 593                               | 16           | 29           | 4            | 11           | 3            | 7             | 0             | 3            | 12           | 76                | 116               | 662           | 5370          | 4000          | 629           | 89            | 34            | 8             | 6             | 1             | 0              | 32.8        | 29.6          | 4.1                |   |  |
| Sat              | 8715          | 2102  | 2258                | 2160  | 2195  | 16     | 30           | 8331    | 48             | 253                               | 7            | 15           | 3            | 6            | 2            | 3             | 1             | 0            | 72           | 111               | 172               | 383           | 3299          | 3671          | 830           | 127           | 29            | 15            | 3             | 1             | 2              | 34.2        | 30.2          | 5.2                |   |  |
| Sun              | 7648          | 1906  | 1937                | 1898  | 1907  | 36     | 59           | 7291    | 56             | 179                               | 6            | 6            | 2            | 4            | 4            | 3             | 0             | 2            | 1            | 43                | 87                | 214           | 2943          | 3257          | 865           | 185           | 35            | 12            | 3             | 1             | 2              | 34.8        | 31.0          | 4.6                |   |  |

## Appendix B



VISIBILITY IN THE PRIMARY DIRECTION



VISIBILITY IN THE SECONDARY DIRECTION

GENERAL NOTES

1. THIS DRAWING IS INTENDED TO BE VIEWED IN COMBINATION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SERVICES AND SPECIALIST DRAWINGS AND SPECIFICATION.
2. ANY VARIATIONS OR DISCREPANCIES BETWEEN THESE DRAWINGS IN TERMS OF DIMENSIONS OR DETAILS SHOULD BE DRAWN TO THE ATTENTION OF THE ARCHITECT AND/OR THE ENGINEER FOR CLARIFICATION.
3. PAUL BASHAM ASSOCIATES ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF BACKGROUND INFORMATION PRODUCED BY THIRD PARTIES – THIS MUST BE TREATED AS INDICATIVE ONLY.
4. ALL DIMENSIONS AND LEVELS ARE IN METRES. DO NOT SCALE THIS DRAWING, PRINT, PLOT OR DISK.
5. THIS DRAWING SHOULD ONLY BE USED FOR CONSTRUCTION IF THE PROJECT PHASE IN THE TITLE FRAME BELOW IS SHOWN AS "CONSTRUCTION". PAUL BASHAM ASSOCIATES TAKE NO RESPONSIBILITY FOR CONSTRUCTION WORKS UNDERTAKEN TO DRAWINGS WHICH ARE NOT MARKED UNDER THIS PHASE.

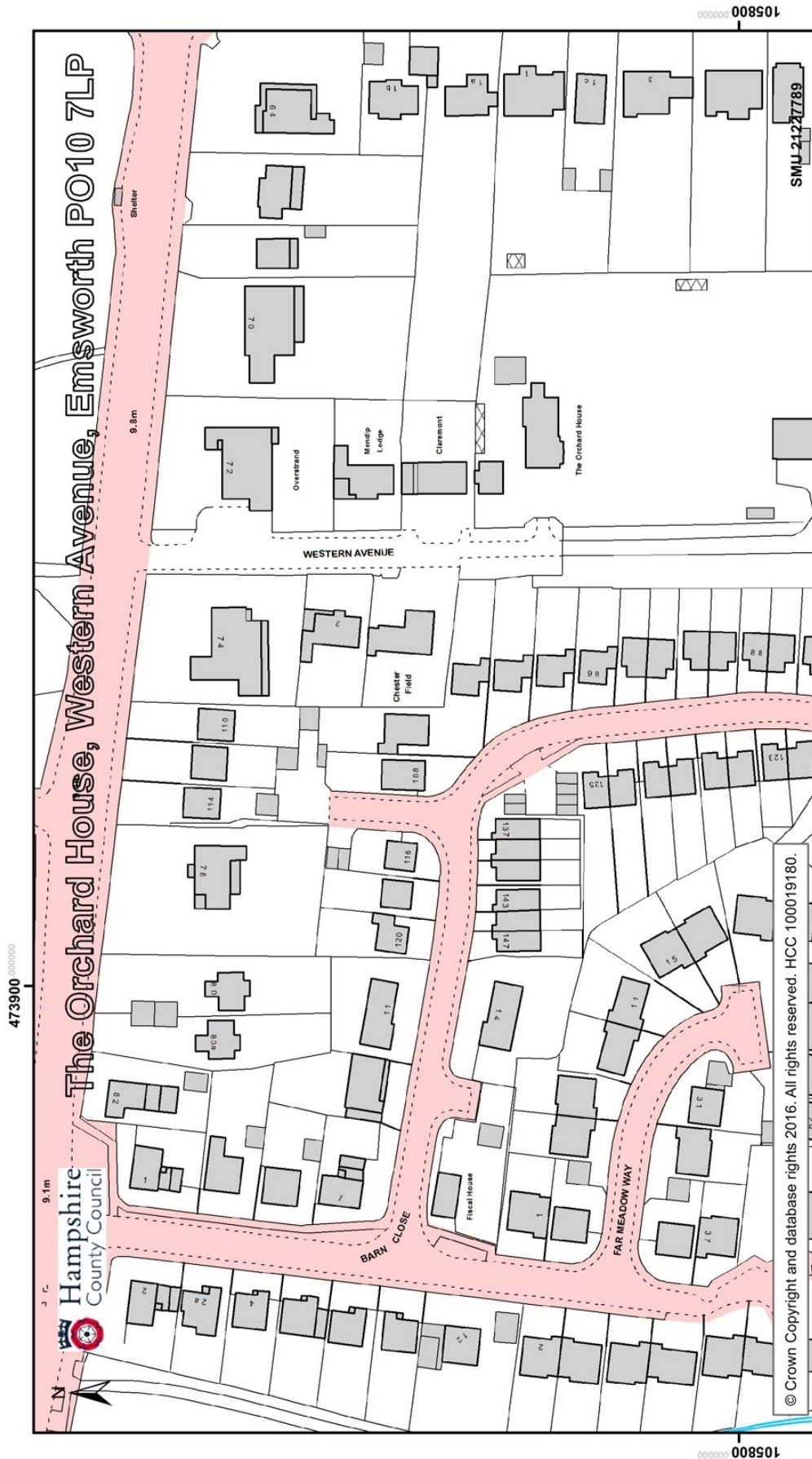


KEY

EXTENT OF HIGHWAY BOUNDARY

|                                                               |                                |                                                                                                                                                                                                                                                                                 |                                                                                                                                                  |                  |                          |                                    |                                 |               |
|---------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------|------------------------------------|---------------------------------|---------------|
| Project Name<br>THE ORCHARD HOUSE, WESTERN AVENUE<br>EMSWORTH | Title<br><br>VISIBILITY SPLAYS | <br><small>Paul Basham Associates Ltd<br/>Lancaster Court, 8 Barnes Wallis Road, Fareham, PO15 5TU<br/>01489 568134<br/>info@paulbashamassociates.com www.paulbashamassociates.com</small> | <br><small>The UK's leading retirement housebuilder</small> | Checked By<br>JH | Checked Date<br>02.08.17 | Scale<br>1:200<br><br>(AT A3 SIZE) |                                 |               |
|                                                               |                                |                                                                                                                                                                                                                                                                                 |                                                                                                                                                  | Drawn By<br>BW   | Drawn Date<br>02.08.17   |                                    |                                 |               |
| Project Phase<br>PRELIMINARY                                  |                                |                                                                                                                                                                                                                                                                                 |                                                                                                                                                  |                  |                          | Client Drawing No.<br>-            | PBA Drawing No.<br>034.0099.009 | Revision<br>- |

## Appendix C



The extent of the highway provided is specific to the property enquired upon and shall not be applicable to any other property.

Ordnance Survey maps are topographic maps and show a representation of the physical features on the ground at the time of survey, which are drawn according to specified tolerances, by the Ordnance Survey. For further information on Ordnance Survey mapping please see: <http://www.ordnancesurvey.co.uk/support/property-boundaries.html>

For questions about the responsibility for ditches please refer to Hampshire County Council's website at: <http://www3.hants.gov.uk/roads/highway-flooding/highways-drainage/your-responsibilities.htm>

This plan is made on the basis of information at present available to the County Council and is made on the distinct understanding that, in the absence of negligence, neither the County Council nor I as an officer of the Council is to be held responsible should you rely on this statement and consequently suffer damage.

## Appendix D

**Network Peak Hour Generator**

click on yellow cell to change Peak Hour parameters

|                |                 |
|----------------|-----------------|
| Session:       | Tuesday AM Peak |
| Vehicle Class: | ALL             |
| Start Time:    | 7:00            |
| End Time:      | 10:00           |

Note: The site diagram is for reference purposes only and is not an exact representation of the site surveyed



Emsworth  
Classified Junction Count

Site 1 of 1  
A259 Havant Road (East)  
Western Avenue  
A259 Havant Road (West)

Lail Long  
lat 50.848311° lon -0.950157°

Date  
Tuesday 02 May 2017

Weather  
Sunny Intervals  
Temp: 11°C

0700 - 1000 (Tuesday AM Peak)

| Movement 1.2: Westbound from A259 Havant Road (East) to A259 Havant Road (West) |          |         |        |      |       |      |      |      |      |      |      | Original Data |                |
|---------------------------------------------------------------------------------|----------|---------|--------|------|-------|------|------|------|------|------|------|---------------|----------------|
| TIME                                                                            | PROCYCLE | MCYCLES | CHC    | NOI  | NOF   | NOV  | NOE  | NSC  | NSD  | NSW  | NSO  | TOTAL         | PROCYCLE TOTAL |
| 0700 - 0715                                                                     | 0        | 0       | 168    | 0    | 29    | 0    | 0    | 0    | 0    | 0    | 0    | 292           | 280.00         |
| 0715 - 0730                                                                     | 0        | 0       | 233    | 0    | 39    | 2    | 0    | 0    | 0    | 0    | 0    | 279           | 230.50         |
| 0730 - 0745                                                                     | 0        | 0       | 213    | 0    | 34    | 2    | 0    | 0    | 0    | 0    | 0    | 239           | 244.60         |
| 0745 - 0800                                                                     | 0        | 0       | 207    | 0    | 29    | 1    | 0    | 0    | 0    | 0    | 0    | 219           | 265.70         |
| Hourly Total                                                                    | 0        | 0       | 620    | 0    | 101   | 2    | 0    | 0    | 0    | 0    | 0    | 985           | 269.30         |
| Hourly Average                                                                  | 4.00     | 2.25    | 207.33 | 0.00 | 33.33 | 2.19 | 0.00 | 1.20 | 0.00 | 1.20 | 0.00 | 244.75        | 242.43         |
| 0800 - 0815                                                                     | 0        | 0       | 225    | 0    | 28    | 0    | 0    | 0    | 0    | 0    | 0    | 213           | 261.00         |
| 0815 - 0830                                                                     | 0        | 0       | 188    | 0    | 19    | 0    | 0    | 0    | 0    | 0    | 0    | 228           | 227.10         |
| 0830 - 0845                                                                     | 0        | 0       | 205    | 0    | 30    | 1    | 0    | 0    | 0    | 0    | 0    | 236           | 228.30         |
| 0845 - 0900                                                                     | 0        | 0       | 163    | 0    | 20    | 1    | 0    | 0    | 0    | 0    | 0    | 199           | 266.00         |
| Hourly Total                                                                    | 0        | 0       | 681    | 0    | 98    | 2    | 0    | 0    | 0    | 0    | 0    | 714           | 262.60         |
| Hourly Average                                                                  | 4.00     | 2.00    | 193.66 | 0.00 | 32.67 | 3.12 | 1.20 | 1.20 | 1.20 | 1.20 | 0.00 | 213.63        | 213.63         |
| 0900 - 0915                                                                     | 0        | 0       | 181    | 0    | 24    | 0    | 0    | 0    | 0    | 0    | 0    | 221           | 261.00         |
| 0915 - 0930                                                                     | 0        | 0       | 181    | 0    | 24    | 0    | 0    | 0    | 0    | 0    | 0    | 189           | 268.20         |
| 0930 - 0945                                                                     | 0        | 0       | 189    | 0    | 27    | 0    | 0    | 0    | 0    | 0    | 0    | 205           | 211.80         |
| 0945 - 1000                                                                     | 0        | 0       | 144    | 0    | 19    | 0    | 0    | 0    | 0    | 0    | 0    | 147           | 170.00         |
| Hourly Total                                                                    | 0        | 0       | 695    | 0    | 94    | 0    | 0    | 0    | 0    | 0    | 0    | 662           | 211.00         |
| Hourly Average                                                                  | 1.00     | 1.25    | 163.75 | 0.00 | 23.75 | 4.00 | 1.00 | 0.75 | 0.75 | 0.75 | 0.00 | 163.75        | 163.75         |
| Session Total                                                                   | 30       | 30      | 2143   | 0    | 319   | 44   | 11   | 31   | 31   | 31   | 31   | 2094          | 2701.70        |
| Session Average                                                                 | 3.17     | 1.83    | 186.92 | 0.00 | 24.55 | 3.67 | 0.92 | 1.08 | 1.08 | 1.08 | 1.08 | 214.67        | 223.14         |

Date  
Tuesday 02 May 2017

Weather  
Sunny Intervals  
Temp: 10°C

1600 - 1900 (Tuesday PM Peak)

| Movement 1.2: Westbound from A259 Havant Road (East) to A259 Havant Road (West) |          |         |        |      |       |      |      |      |      |      |      | Original Data |           |
|---------------------------------------------------------------------------------|----------|---------|--------|------|-------|------|------|------|------|------|------|---------------|-----------|
| TIME                                                                            | PROCYCLE | MCYCLES | CHC    | NOI  | NOF   | NOV  | NOE  | NSC  | NSD  | NSW  | NSO  | 1017AL        | 1501101AL |
| 1600 - 1615                                                                     | 0        | 0       | 187    | 0    | 34    | 0    | 0    | 0    | 0    | 0    | 0    | 221           | 228.80    |
| 1615 - 1630                                                                     | 0        | 0       | 181    | 0    | 17    | 4    | 0    | 0    | 0    | 0    | 0    | 213           | 273.90    |
| 1630 - 1645                                                                     | 0        | 0       | 187    | 0    | 38    | 0    | 0    | 0    | 0    | 0    | 0    | 235           | 241.30    |
| 1645 - 1700                                                                     | 0        | 0       | 187    | 0    | 37    | 0    | 0    | 0    | 0    | 0    | 0    | 242           | 261.60    |
| Hourly Average                                                                  | 1.75     | 0.00    | 176.75 | 0.00 | 44.25 | 3.25 | 1.75 | 1.25 | 0.25 | 0.25 | 0.25 | 244.50        | 275.50    |
| 1700 - 1715                                                                     | 0        | 0       | 183    | 0    | 29    | 1    | 0    | 0    | 0    | 0    | 0    | 215           | 213.70    |
| 1715 - 1730                                                                     | 0        | 0       | 187    | 0    | 30    | 0    | 0    | 0    | 0    | 0    | 0    | 213           | 193.40    |
| 1730 - 1745                                                                     | 0        | 0       | 159    | 0    | 19    | 0    | 0    | 0    | 0    | 0    | 0    | 180           | 178.20    |
| Hourly Total                                                                    | 0        | 0       | 529    | 0    | 88    | 1    | 0    | 0    | 0    | 0    | 0    | 608           | 195.30    |
| Hourly Average                                                                  | 3.25     | 0.00    | 132.25 | 0.00 | 22.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 152.00        | 158.75    |
| 1800 - 1815                                                                     | 0        | 0       | 114    | 0    | 15    | 0    | 0    | 0    | 0    | 0    | 0    | 136           | 136.20    |
| 1815 - 1830                                                                     | 0        | 0       | 114    | 0    | 15    | 0    | 0    | 0    | 0    | 0    | 0    | 136           | 136.20    |
| 1830 - 1845                                                                     | 0        | 0       | 100    | 0    | 14    | 1    | 0    | 0    | 0    | 0    | 0    | 119           | 118.10    |
| 1845 - 1900                                                                     | 0        | 0       | 107    | 0    | 19    | 0    | 0    | 0    | 0    | 0    | 0    | 130           | 119.10    |
| Hourly Total                                                                    | 0        | 0       | 435    | 0    | 63    | 1    | 0    | 0    | 0    | 0    | 0    | 521           | 311.60    |
| Hourly Average                                                                  | 1.25     | 2.00    | 108.75 | 0.00 | 15.75 | 1.00 | 0.25 | 0.75 | 0.75 | 0.75 | 0.75 | 130.25        | 127.11    |
| Session Total                                                                   | 30       | 30      | 1678   | 0    | 317   | 55   | 0    | 10   | 10   | 10   | 10   | 1274          | 2709.30   |
| Session Average                                                                 | 1.75     | 1.58    | 152.33 | 0.00 | 26.42 | 1.83 | 0.67 | 1.08 | 1.08 | 1.08 | 1.08 | 188.17        | 188.63    |

Date  
Wednesday 03 May 2017

Weather  
Cloudy  
Temp: 9°C

0700 - 1000 (Wednesday AM Peak)

| Movement 1.2: Westbound from A259 Havant Road (East) to A259 Havant Road (West) |          |         |        |      |       |      |      |      |      |      |      | Original Data |           |
|---------------------------------------------------------------------------------|----------|---------|--------|------|-------|------|------|------|------|------|------|---------------|-----------|
| TIME                                                                            | PROCYCLE | MCYCLES | CHC    | NOI  | NOF   | NOV  | NOE  | NSC  | NSD  | NSW  | NSO  | 1017AL        | 1501101AL |
| 0700 - 0715                                                                     | 0        | 0       | 178    | 0    | 26    | 2    | 0    | 0    | 0    | 0    | 0    | 214           | 212.40    |
| 0715 - 0730                                                                     | 0        | 0       | 181    | 0    | 17    | 4    | 0    | 0    | 0    | 0    | 0    | 213           | 273.90    |
| 0730 - 0745                                                                     | 0        | 0       | 220    | 0    | 35    | 0    | 0    | 0    | 0    | 0    | 0    | 235           | 241.30    |
| 0745 - 0800                                                                     | 0        | 0       | 207    | 0    | 27    | 0    | 0    | 0    | 0    | 0    | 0    | 242           | 261.60    |
| Hourly Total                                                                    | 0        | 0       | 586    | 0    | 85    | 6    | 0    | 0    | 0    | 0    | 0    | 694           | 261.90    |
| Hourly Average                                                                  | 1.00     | 1.00    | 146.5  | 0.00 | 21.25 | 1.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 223.5         | 212.13    |
| 0800 - 0815                                                                     | 0        | 0       | 216    | 0    | 24    | 0    | 0    | 0    | 0    | 0    | 0    | 215           | 261.00    |
| 0815 - 0830                                                                     | 0        | 0       | 187    | 0    | 29    | 1    | 0    | 0    | 0    | 0    | 0    | 247           | 242.50    |
| 0830 - 0845                                                                     | 0        | 0       | 209    | 0    | 31    | 0    | 0    | 0    | 0    | 0    | 0    | 216           | 213.70    |
| 0845 - 0900                                                                     | 0        | 0       | 175    | 0    | 19    | 0    | 0    | 0    | 0    | 0    | 0    | 207           | 214.20    |
| Hourly Total                                                                    | 0        | 0       | 687    | 0    | 103   | 2    | 0    | 0    | 0    | 0    | 0    | 725           | 261.90    |
| Hourly Average                                                                  | 4.00     | 3.00    | 196.75 | 1.00 | 25.25 | 3.20 | 2.00 | 1.00 | 1.00 | 1.00 | 0.00 | 213.63        | 213.63    |
| 0900 - 0915                                                                     | 0        | 0       | 205    | 0    | 24    | 0    | 0    | 0    | 0    | 0    | 0    | 228           | 261.00    |
| 0915 - 0930                                                                     | 0        | 0       | 205    | 0    | 24    | 0    | 0    | 0    | 0    | 0    | 0    | 189           | 268.20    |
| 0930 - 0945                                                                     | 0        | 0       | 166    | 0    | 20    | 0    | 0    | 0    | 0    | 0    | 0    | 194           | 118.10    |
| 0945 - 1000                                                                     | 0        | 0       | 164    | 0    | 19    | 0    | 0    | 0    | 0    | 0    | 0    | 185           | 119.10    |
| Hourly Total                                                                    | 0        | 0       | 740    | 0    | 87    | 0    | 0    | 0    | 0    | 0    | 0    | 796           | 325.40    |
| Hourly Average                                                                  | 1.25     | 1.25    | 185.00 | 0.00 | 21.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 224.00        | 224.00    |
| Session Total                                                                   | 30       | 30      | 2260   | 0    | 351   | 46   | 10   | 10   | 10   | 10   | 10   | 1713          | 2718.50   |
| Session Average                                                                 | 3.75     | 2.50    | 188.33 | 0.00 | 24.25 | 1.83 | 1.20 | 1.42 | 1.42 | 1.42 | 1.42 | 228.68        | 223.54    |

Date  
Wednesday 03 May 2017

Weather  
Cloudy  
Temp: 10°C

1600 - 1900 (Wednesday PM Peak)

| Movement 1.2: Westbound from A259 Havant Road (East) to A259 Havant Road (West) |          |         |        |      |       |      |      |      |      |      |      | Original Data |         |           |
|---------------------------------------------------------------------------------|----------|---------|--------|------|-------|------|------|------|------|------|------|---------------|---------|-----------|
| TIME                                                                            | PROCYCLE | MCYCLES | CHC    | NOI  | NOF   | NOV  | NOE  | NSC  | NSD  | NSW  | NSO  | TOTAL         | 1017AL  | 1501101AL |
| 1600 - 1615                                                                     | 0        | 0       | 184    | 0    | 36    | 2    | 0    | 0    | 0    | 0    | 0    | 232           | 231.80  |           |
| 1615 - 1630                                                                     | 0        | 0       | 189    | 0    | 34    | 0    | 0    | 0    | 0    | 0    | 0    | 211           | 271.00  |           |
| 1630 - 1645                                                                     | 0        | 0       | 177    | 0    | 17    | 0    | 0    | 0    | 0    | 0    | 0    | 219           | 229.20  |           |
| 1645 - 1700                                                                     | 0        | 0       | 176    | 0    | 17    | 0    | 0    | 0    | 0    | 0    | 0    | 194           | 212.00  |           |
| Hourly Total                                                                    | 0        | 0       | 726    | 0    | 104   | 2    | 0    | 0    | 0    | 0    | 0    | 756           | 273.90  |           |
| Hourly Average                                                                  | 1.00     | 2.00    | 181.50 | 1.00 | 26.00 | 2.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 214.00        | 214.00  |           |
| 1700 - 1715                                                                     | 0        | 0       | 183    | 0    | 29    | 1    | 0    | 0    | 0    | 0    | 0    | 203           | 189.90  |           |
| 1715 - 1730                                                                     | 0        | 0       | 183    | 0    | 14    | 0    | 0    | 0    | 0    | 0    | 0    | 184           | 161.20  |           |
| 1730 - 1745                                                                     | 0        | 0       | 151    | 0    | 12    | 0    | 0    | 0    | 0    | 0    | 0    | 172           | 167.80  |           |
| Hourly Total                                                                    | 0        | 0       | 517    | 0    | 55    | 1    | 0    | 0    | 0    | 0    | 0    | 559           | 218.90  |           |
| Hourly Average                                                                  | 3.75     | 3.75    | 129.25 | 0.75 | 13.75 | 0.75 | 0.00 | 1.20 | 1.20 | 1.20 | 1.20 | 164.50        | 163.64  |           |
| 1800 - 1815                                                                     | 0        | 0       | 109    | 0    | 17    | 0    | 0    | 0    | 0    | 0    | 0    | 139           | 138.20  |           |
| 1815 - 1830                                                                     | 0        | 0       | 109    | 0    | 17    | 0    | 0    | 0    | 0    | 0    | 0    | 139           | 138.20  |           |
| 1830 - 1845                                                                     | 0        | 0       | 121    | 0    | 11    | 0    | 0    | 0    | 0    | 0    | 0    | 111           | 112.20  |           |
| 1845 - 1900                                                                     | 0        | 0       | 124    | 0    | 11    | 0    | 0    | 0    | 0    | 0    | 0    | 137           | 115.40  |           |
| Hourly Total                                                                    | 0        | 0       | 463    | 0    | 56    | 0    | 0    | 0    | 0    | 0    | 0    | 526           | 345.10  |           |
| Hourly Average                                                                  | 1.50     | 1.50    | 115.75 | 0.25 | 14.00 | 1.50 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 131.50        | 131.50  |           |
| Session Total                                                                   | 30       | 30      | 1678   | 0    | 351   | 46   | 10   | 10   | 10   | 10   | 10   | 2190          | 2196.70 |           |
| Session Average                                                                 | 2.68     | 2.68    | 152.17 | 0.00 | 24.92 | 1.42 | 0.33 | 0.83 | 0.83 | 0.83 | 0.83 | 186.67        | 178.73  |           |

Date  
Thursday 04 May 2017

Weather  
Sunny Intervals  
Temp: 12°C

0700 - 1000 (Thursday AM Peak)

| Movement 1.2: Westbound from A259 Havant Road (East) to A259 Havant Road (West) |          |         |        |      |       |      |      |      |      |      |      | Original Data |             |
|---------------------------------------------------------------------------------|----------|---------|--------|------|-------|------|------|------|------|------|------|---------------|-------------|
| TIME                                                                            | PROCYCLE | MCYCLES | CHC    | NOI  | NOF   | NOV  | NOE  | NSC  | NSD  | NSW  | NSO  | TOTAL         | PROCY TOTAL |
| 0700 - 0715                                                                     | 0        | 0       | 139    | 0    | 22    | 1    | 0    | 0    | 0    | 0    | 0    | 179           | 166.70      |
| 0715 - 0730                                                                     | 0        | 0       | 189    | 0    | 24    | 0    | 0    | 0    | 0    | 0    | 0    | 209           | 208.00      |
| 0730 - 0745                                                                     | 0        | 0       | 225    | 0    | 34    | 0    | 0    | 0    | 0    | 0    | 0    | 271           | 278.00      |
| 0745 - 0800                                                                     | 0        | 0       | 174    | 0    | 34    | 1    | 0    | 0    | 0    | 0    | 0    | 213           | 214.10      |
| Hourly Average                                                                  | 4.0      | 2.0     | 189.75 | 0.0  | 28.25 | 3.25 | 0.0  | 2.0  | 2.0  | 2.0  | 2.0  | 232.25        | 228.83      |
| 0800 - 0815                                                                     | 0        | 0       | 209    | 0    | 26    | 2    | 0    | 0    | 0    | 0    | 0    | 236           | 254.00      |
| 0815 - 0830                                                                     | 0        | 0       | 215    | 0    | 28    | 2    | 0    | 0    | 0    | 0    | 0    | 245           | 261.00      |
| 0830 - 0845                                                                     | 0        | 0       | 191    | 0    | 26    | 0    | 0    | 0    | 0    | 0    | 0    | 217           | 222.20      |
| 0845 - 0900                                                                     | 0        | 0       | 187    | 0    | 20    | 1    | 0    | 0    | 0    | 0    | 0    | 208           | 204.70      |
| Hourly Total                                                                    | 0        | 0       | 691    | 0    | 106   | 6    | 0    | 0    | 0    | 0    | 0    | 747           | 745.90      |
| Hourly Average                                                                  | 3.0      | 3.75    | 202.25 | 0.0  | 26.66 | 1.75 | 1.0  | 2.0  | 2.0  | 2.0  | 2.0  | 218.75        | 213.53      |
| 0900 - 0915                                                                     | 0        | 0       | 158    | 0    | 22    | 0    | 0    | 0    | 0    | 0    | 0    | 180           | 184.00      |
| 0915 - 0930                                                                     | 0        | 0       | 152    | 0    | 21    | 0    | 0    | 0    | 0    | 0    | 0    | 173           | 180.00      |
| 0930 - 0945                                                                     | 0        | 0       | 151    | 0    | 21    | 0    | 0    | 0    | 0    | 0    | 0    | 172           | 178.00      |
| 0945 - 1000                                                                     | 0        | 0       | 154    | 0    | 23    | 0    | 0    | 0    | 0    | 0    | 0    | 177           | 182.30      |
| Hourly Total                                                                    | 0        | 0       | 515    | 0    | 66    | 0    | 0    | 0    | 0    | 0    | 0    | 582           | 584.30      |
| Hourly Average                                                                  | 3.25     | 3.75    | 160.00 | 0.0  | 22.00 | 3.75 | 0.0  | 0.0  | 1.50 | 2.00 | 2.00 | 200.75        | 202.17      |
| Session Total                                                                   | 34       | 25      | 2228   | 4    | 311   | 43   | 10   | 25   | 25   | 25   | 25   | 2657          | 2699.30     |
| Session Average                                                                 | 2.8      | 2.08    | 185.67 | 0.33 | 25.92 | 3.58 | 0.83 | 2.08 | 2.08 | 2.08 | 2.08 | 221.42        | 224.94      |

Emsworth  
Classified Junction Count

Site 1 of 1  
A259 Havant Road (East)  
Western Avenue  
A259 Havant Road (West)

Lat/Long  
lat 50.848311° lon -0.950157°

Date  
Tuesday 02 May 2017

Weather  
Sunny Intervals  
Temp: 11°C

0700 - 1000 (Tuesday AM Peak)

| Movement 1.3, Left from Western Avenue to A259 Havant Road (West) |        |        |      |      |      |      |      |      |      |      | Original Data |            |
|-------------------------------------------------------------------|--------|--------|------|------|------|------|------|------|------|------|---------------|------------|
| TIME                                                              | PICKUP | MOCKUP | 2015 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | TOTAL         | PCSD TOTAL |
| 0700 - 0715                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| 0715 - 0730                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| 0730 - 0745                                                       | 0      | 0      | 2    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 3             | 3.00       |
| 0745 - 0800                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 4.00       |
| Hourly Total                                                      | 0      | 0      | 2    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 3             | 8.00       |
| Hourly Average                                                    | 0.00   | 0.00   | 0.75 | 0.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00          | 1.00       |
| 0800 - 0815                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| 0815 - 0830                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| 0830 - 0845                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| 0845 - 0900                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| Hourly Total                                                      | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 2.00       |
| Hourly Average                                                    | 0.00   | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00          | 0.50       |
| 0900 - 0915                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| 0915 - 0930                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| 0930 - 0945                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| 0945 - 1000                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| Hourly Total                                                      | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 2.00       |
| Hourly Average                                                    | 0.00   | 0.00   | 0.25 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50          | 1.13       |
| Session Total                                                     | 0      | 0      | 0    | 0    | 1    | 1    | 0    | 0    | 0    | 0    | 0             | 8.00       |
| Session Average                                                   | 0.00   | 0.00   | 0.50 | 0.00 | 0.08 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07          | 0.11       |

Date  
Tuesday 02 May 2017

Weather  
Sunny Intervals  
Temp: 10°C

1600 - 1900 (Tuesday PM Peak)

| Movement 1.3, Left from Western Avenue to A259 Havant Road (West) |        |        |      |      |      |      |      |      |      |      | Original Data |            |
|-------------------------------------------------------------------|--------|--------|------|------|------|------|------|------|------|------|---------------|------------|
| TIME                                                              | PICKUP | MOCKUP | 2015 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | TOTAL         | PCSD TOTAL |
| 1600 - 1615                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 3.00       |
| 1615 - 1630                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 4.00       |
| 1630 - 1645                                                       | 0      | 0      | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2             | 2.00       |
| 1645 - 1700                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| Hourly Total                                                      | 0      | 0      | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2             | 10.00      |
| Hourly Average                                                    | 0.00   | 0.00   | 1.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.50          | 2.50       |
| 1700 - 1715                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| 1715 - 1730                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| 1730 - 1745                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| 1745 - 1800                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| Hourly Total                                                      | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| Hourly Average                                                    | 0.25   | 0.25   | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.75          | 0.75       |
| 1800 - 1815                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 2.00       |
| 1815 - 1830                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| 1830 - 1845                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| 1845 - 1900                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| Hourly Total                                                      | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 3.00       |
| Hourly Average                                                    | 0.00   | 0.00   | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50          | 1.13       |
| Session Total                                                     | 0      | 0      | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2             | 14.00      |
| Session Average                                                   | 0.00   | 0.00   | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.25          | 1.16       |

Date  
Wednesday 03 May 2017

Weather  
Cloudy  
Temp: 9°C

0700 - 1000 (Wednesday AM Peak)

| Movement 1.3, Left from Western Avenue to A259 Havant Road (West) |        |        |      |      |      |      |      |      |      |      | Original Data |            |
|-------------------------------------------------------------------|--------|--------|------|------|------|------|------|------|------|------|---------------|------------|
| TIME                                                              | PICKUP | MOCKUP | 2015 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | TOTAL         | PCSD TOTAL |
| 0700 - 0715                                                       | 0      | 0      | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1             | 1.00       |
| 0715 - 0730                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 2.00       |
| 0730 - 0745                                                       | 0      | 0      | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2             | 2.00       |
| 0745 - 0800                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| Hourly Total                                                      | 0      | 0      | 3    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3             | 7.00       |
| Hourly Average                                                    | 0.00   | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00          | 1.75       |
| 0800 - 0815                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| 0815 - 0830                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| 0830 - 0845                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| 0845 - 0900                                                       | 0      | 0      | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1             | 1.00       |
| Hourly Total                                                      | 0      | 0      | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1             | 3.00       |
| Hourly Average                                                    | 0.00   | 0.00   | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.75          | 0.75       |
| 0900 - 0915                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| 0915 - 0930                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| 0930 - 0945                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| 0945 - 1000                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| Hourly Total                                                      | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 2.00       |
| Hourly Average                                                    | 0.00   | 0.00   | 0.00 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.25 | 1.00          | 1.13       |
| Session Total                                                     | 0      | 0      | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4             | 9.00       |
| Session Average                                                   | 0.00   | 0.00   | 0.50 | 0.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.75 | 0.75          | 1.13       |

Date  
Wednesday 03 May 2017

Weather  
Cloudy  
Temp: 10°C

1600 - 1900 (Wednesday PM Peak)

| Movement 1.3, Left from Western Avenue to A259 Havant Road (West) |        |        |      |      |      |      |      |      |      |      | Original Data |            |
|-------------------------------------------------------------------|--------|--------|------|------|------|------|------|------|------|------|---------------|------------|
| TIME                                                              | PICKUP | MOCKUP | 2015 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | TOTAL         | PCSD TOTAL |
| 1600 - 1615                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 3.00       |
| 1615 - 1630                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| 1630 - 1645                                                       | 0      | 0      | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2             | 2.00       |
| 1645 - 1700                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| Hourly Total                                                      | 0      | 0      | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2             | 7.00       |
| Hourly Average                                                    | 0.00   | 0.00   | 2.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.00          | 2.75       |
| 1700 - 1715                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| 1715 - 1730                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 4.00       |
| 1730 - 1745                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 2.00       |
| 1745 - 1800                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| Hourly Total                                                      | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 7.00       |
| Hourly Average                                                    | 0.00   | 0.00   | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 2.75          | 2.75       |
| 1800 - 1815                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| 1815 - 1830                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| 1830 - 1845                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| 1845 - 1900                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| Hourly Total                                                      | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 2.00       |
| Hourly Average                                                    | 0.00   | 0.00   | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 1.00          | 1.13       |
| Session Total                                                     | 0      | 0      | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2             | 21.00      |
| Session Average                                                   | 0.00   | 0.00   | 1.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.75 | 1.75          | 1.75       |

Date  
Thursday 04 May 2017

Weather  
Sunny Intervals  
Temp: 12°C

0700 - 1000 (Thursday AM Peak)

| Movement 1.3, Left from Western Avenue to A259 Havant Road (West) |        |        |      |      |      |      |      |      |      |      | Original Data |            |
|-------------------------------------------------------------------|--------|--------|------|------|------|------|------|------|------|------|---------------|------------|
| TIME                                                              | PICKUP | MOCKUP | 2015 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | TOTAL         | PCSD TOTAL |
| 0700 - 0715                                                       | 0      | 0      | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 1             | 4.00       |
| 0715 - 0730                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 2.00       |
| 0730 - 0745                                                       | 0      | 0      | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1             | 1.00       |
| 0745 - 0800                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| Hourly Total                                                      | 0      | 0      | 1    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 2             | 8.00       |
| Hourly Average                                                    | 0.00   | 0.00   | 1.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.00          | 2.00       |
| 0800 - 0815                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| 0815 - 0830                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| 0830 - 0845                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| 0845 - 0900                                                       | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 1             | 1.00       |
| Hourly Total                                                      | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 1             | 4.00       |
| Hourly Average                                                    | 0.00   | 0.00   | 0.75 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.00 | 1.00 | 1.13          | 1.13       |
| 0900 - 0915                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| 0915 - 0930                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 0.00       |
| 0930 - 0945                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 2.00       |
| 0945 - 1000                                                       | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 1.00       |
| Hourly Total                                                      | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0             | 3.00       |
| Hourly Average                                                    | 0.00   | 0.00   | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.75 | 1.00          | 1.13       |
| Session Total                                                     | 0      | 0      | 1    | 1    | 0    | 1    | 0    | 0    | 0    | 0    | 3             | 19.00      |
| Session Average                                                   | 0.00   | 0.00   | 1.00 | 0.08 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 1.25 | 1.25          | 1.25       |

Date  
Thursday 04 May 2017

Weather  
Sunny Intervals  
Temp: 10°C

1600 - 1900 (Thursday PM Peak)

| Movement 1.3, Left from Western Avenue to A259 Havant Road (West) |        |        |      |      |      |      |      |      |      |      | Original Data |  |
|-------------------------------------------------------------------|--------|--------|------|------|------|------|------|------|------|------|---------------|--|
| TIME                                                              | PICKUP | MOCKUP | 2015 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | PASSAGE       |  |
| 10:00 - 10:15                                                     | 0      | 0      | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 2.00          |  |
| 10:15 - 10:30                                                     | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.00          |  |
| 10:30 - 10:45                                                     | 0      | 0      | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 1.00          |  |
| 10:45 - 11:00                                                     | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.00          |  |
| Hourly Total                                                      | 0      | 0      | 3    | 0    | 0    | 0    | 0    | 0    | 0    | 3    | 3.00          |  |
| Hourly Average                                                    | 0.00   | 0.00   | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.15          |  |
| 11:00 - 11:15                                                     | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.00          |  |
| 11:15 - 11:30                                                     | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.00          |  |
| 11:30 - 11:45                                                     | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.00          |  |
| 11:45 - 12:00                                                     | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.00          |  |
| Hourly Total                                                      | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.00          |  |
| Hourly Average                                                    | 0.00   | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00          |  |
| 12:00 - 12:15                                                     | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.00          |  |
| 12:15 - 12:30                                                     | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.00          |  |
| 12:30 - 12:45                                                     | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.00          |  |
| 12:45 - 13:00                                                     | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.00          |  |
| Hourly Total                                                      | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.00          |  |
| Hourly Average                                                    | 0.00   | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00          |  |
| Session Total                                                     | 0      | 0      | 3    | 0    | 0    | 0    | 0    | 0    | 0    | 3    | 3.00          |  |
| Session Average                                                   | 0.00   | 0.00   | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.50          |  |

Site 1 of 1  
A259 Havant Road (East)  
Western Avenue  
A259 Havant Road (West)

Date  
Tuesday 02 May 2017

0700 - 1000 (Tuesday AM Peak)

**Weather**  
Sunny intervals

1600 - 1900 (Tuesday PM Peak)

**Weather**  
Cloudy

0700 - 1050

Weather  
Cloudy

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Weather  
Sunny Inter

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1600 - 1900

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Emsworth  
Classified Junction Count

Site 1 of 1  
A259 Havant Road (East)  
Western Avenue  
A259 Havant Road (West)

Lail Long  
lat 50.848311° lon -0.950157°

Date  
Tuesday 02 May 2017

Weather  
Sunny Intervals  
Temp: 11°C  
0700 - 1000 (Tuesday AM Peak)

| Movement 1.0: Eastbound from A259 Havant Road (West) to A259 Havant Road (East) |          |         |        |      |       |      |      |      |      |      |      | Original Data |             |
|---------------------------------------------------------------------------------|----------|---------|--------|------|-------|------|------|------|------|------|------|---------------|-------------|
| TIME                                                                            | PROCYCLE | MCYCLES | GOVT   | GOVT | GOVT  | GOVT | GOVT | GOVT | GOVT | GOVT | GOVT | TOTAL         | P500 101%AL |
| 0700 - 0710                                                                     | 0        | 0       | 74     | 0    | 30    | 0    | 0    | 0    | 0    | 0    | 0    | 111           | 117.60      |
| 0710 - 0720                                                                     | 0        | 0       | 138    | 0    | 32    | 0    | 0    | 0    | 0    | 0    | 0    | 173           | 173.60      |
| 0720 - 0730                                                                     | 0        | 0       | 138    | 0    | 32    | 0    | 0    | 0    | 0    | 0    | 0    | 176           | 182.70      |
| 0730 - 0740                                                                     | 0        | 0       | 138    | 0    | 32    | 0    | 0    | 0    | 0    | 0    | 0    | 176           | 173.60      |
| Hourly Total                                                                    | 0        | 0       | 489    | 0    | 117   | 0    | 0    | 0    | 0    | 0    | 0    | 542           | 653.70      |
| Hourly Average                                                                  | 1.25     | 1.00    | 122.25 | 0.00 | 29.25 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 135.50        | 163.43      |
| 0800 - 0810                                                                     | 0        | 0       | 113    | 0    | 28    | 0    | 0    | 0    | 0    | 0    | 0    | 119           | 113.30      |
| 0810 - 0820                                                                     | 0        | 0       | 174    | 0    | 39    | 0    | 0    | 0    | 0    | 0    | 0    | 214           | 217.60      |
| 0820 - 0830                                                                     | 0        | 0       | 177    | 0    | 38    | 0    | 0    | 0    | 0    | 0    | 0    | 216           | 223.70      |
| 0830 - 0840                                                                     | 0        | 0       | 162    | 0    | 37    | 0    | 0    | 0    | 0    | 0    | 0    | 188           | 201.40      |
| Hourly Total                                                                    | 0        | 0       | 666    | 0    | 163   | 0    | 0    | 0    | 0    | 0    | 0    | 837           | 858.00      |
| Hourly Average                                                                  | 1.25     | 0.50    | 166.50 | 0.00 | 40.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 209.25        | 209.75      |
| 0900 - 0910                                                                     | 0        | 0       | 105    | 0    | 23    | 0    | 0    | 0    | 0    | 0    | 0    | 111           | 113.30      |
| 0910 - 0920                                                                     | 0        | 0       | 105    | 0    | 23    | 0    | 0    | 0    | 0    | 0    | 0    | 116           | 177.20      |
| 0920 - 0930                                                                     | 0        | 0       | 105    | 0    | 38    | 0    | 0    | 0    | 0    | 0    | 0    | 152           | 154.40      |
| 0930 - 0940                                                                     | 0        | 0       | 139    | 0    | 30    | 0    | 0    | 0    | 0    | 0    | 0    | 188           | 193.30      |
| Hourly Total                                                                    | 0        | 0       | 459    | 0    | 114   | 0    | 0    | 0    | 0    | 0    | 0    | 547           | 578.20      |
| Hourly Average                                                                  | 1.25     | 0.25    | 114.75 | 0.00 | 28.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 136.75        | 144.50      |
| Session Total                                                                   | 15       | 0       | 1670   | 0    | 341   | 0    | 0    | 0    | 0    | 0    | 0    | 2170          | 2717.60     |
| Session Average                                                                 | 1.25     | 0.75    | 137.67 | 0.00 | 28.42 | 0.00 | 1.33 | 1.00 | 0.00 | 0.00 | 0.00 | 173.63        | 173.63      |

Date  
Tuesday 02 May 2017

Weather  
Sunny Intervals  
Temp: 10°C  
1600 - 1900 (Tuesday PM Peak)

| Movement 1.0: Eastbound from A259 Havant Road (West) to A259 Havant Road (East) |          |         |        |      |       |      |      |      |      |      |      | Original Data |           |
|---------------------------------------------------------------------------------|----------|---------|--------|------|-------|------|------|------|------|------|------|---------------|-----------|
| TIME                                                                            | PROCYCLE | MCYCLES | GOVT   | GOVT | GOVT  | GOVT | GOVT | GOVT | GOVT | GOVT | GOVT | TOTAL         | P50 TOTAL |
| 1600 - 1610                                                                     | 1        | 0       | 180    | 1    | 31    | 1    | 0    | 0    | 0    | 0    | 0    | 230           | 230.90    |
| 1610 - 1620                                                                     | 0        | 0       | 201    | 0    | 31    | 0    | 0    | 0    | 0    | 0    | 0    | 236           | 233.30    |
| 1620 - 1630                                                                     | 2        | 1       | 203    | 0    | 38    | 2    | 0    | 0    | 0    | 0    | 0    | 240           | 241.40    |
| 1630 - 1640                                                                     | 0        | 0       | 178    | 0    | 30    | 0    | 0    | 0    | 0    | 0    | 0    | 198           | 203.70    |
| Hourly Total                                                                    | 3        | 1       | 614    | 1    | 100   | 4    | 0    | 0    | 0    | 0    | 0    | 657           | 659.30    |
| Hourly Average                                                                  | 1.20     | 0.40    | 204.67 | 0.25 | 33.33 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 219.10        | 219.75    |
| 1700 - 1710                                                                     | 0        | 0       | 215    | 1    | 25    | 1    | 0    | 0    | 0    | 0    | 0    | 245           | 240.20    |
| 1710 - 1720                                                                     | 0        | 0       | 207    | 0    | 31    | 0    | 0    | 0    | 0    | 0    | 0    | 235           | 233.70    |
| 1720 - 1730                                                                     | 0        | 0       | 233    | 0    | 34    | 1    | 0    | 0    | 0    | 0    | 0    | 281           | 287.10    |
| Hourly Total                                                                    | 0        | 0       | 655    | 1    | 86    | 2    | 0    | 0    | 0    | 0    | 0    | 761           | 761.00    |
| Hourly Average                                                                  | 0.00     | 0.00    | 163.75 | 0.25 | 21.50 | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 190.25        | 190.25    |
| 1800 - 1810                                                                     | 0        | 0       | 200    | 0    | 30    | 0    | 0    | 0    | 0    | 0    | 0    | 228           | 223.90    |
| 1810 - 1820                                                                     | 0        | 0       | 200    | 0    | 30    | 0    | 0    | 0    | 0    | 0    | 0    | 214           | 213.20    |
| 1820 - 1830                                                                     | 0        | 0       | 180    | 0    | 30    | 0    | 1    | 1    | 1    | 1    | 1    | 189           | 194.80    |
| 1830 - 1840                                                                     | 0        | 0       | 156    | 0    | 24    | 0    | 0    | 0    | 0    | 0    | 0    | 171           | 163.30    |
| Hourly Total                                                                    | 0        | 0       | 536    | 0    | 84    | 0    | 2    | 2    | 2    | 2    | 2    | 592           | 595.20    |
| Hourly Average                                                                  | 0.00     | 0.00    | 134.00 | 0.00 | 21.00 | 0.00 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 148.00        | 148.80    |
| Session Total                                                                   | 31       | 1       | 3476   | 2    | 599   | 7    | 2    | 2    | 2    | 2    | 2    | 3763          | 3763.00   |
| Session Average                                                                 | 4.25     | 1.00    | 298.00 | 0.42 | 16.17 | 1.00 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 233.75        | 233.51    |

Date  
Wednesday 03 May 2017

Weather  
Cloudy  
Temp: 9°C  
0700 - 1000 (Wednesday AM Peak)

| Movement 1.0: Eastbound from A259 Havant Road (West) to A259 Havant Road (East) |          |         |        |      |       |      |      |      |      |      |      | Original Data |            |
|---------------------------------------------------------------------------------|----------|---------|--------|------|-------|------|------|------|------|------|------|---------------|------------|
| TIME                                                                            | PROCYCLE | MCYCLES | GOVT   | GOVT | GOVT  | GOVT | GOVT | GOVT | GOVT | GOVT | GOVT | TOTAL         | PAGE TOTAL |
| 0700 - 0710                                                                     | 2        | 1       | 80     | 0    | 24    | 0    | 0    | 0    | 0    | 0    | 0    | 112           | 113.60     |
| 0715 - 0720                                                                     | 0        | 0       | 118    | 0    | 37    | 0    | 0    | 0    | 0    | 0    | 0    | 161           | 163.40     |
| 0725 - 0730                                                                     | 4        | 1       | 124    | 0    | 31    | 0    | 0    | 0    | 0    | 0    | 0    | 167           | 167.70     |
| 0735 - 0740                                                                     | 0        | 0       | 175    | 0    | 39    | 0    | 0    | 0    | 0    | 0    | 0    | 216           | 226.90     |
| Hourly Total                                                                    | 6        | 2       | 461    | 0    | 123   | 0    | 0    | 0    | 0    | 0    | 0    | 637           | 658.30     |
| Hourly Average                                                                  | 1.50     | 0.50    | 115.25 | 0.00 | 30.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 159.25        | 164.58     |
| 0800 - 0810                                                                     | 0        | 0       | 114    | 0    | 28    | 0    | 0    | 0    | 0    | 0    | 0    | 116           | 113.30     |
| 0815 - 0820                                                                     | 0        | 0       | 177    | 0    | 31    | 0    | 0    | 0    | 0    | 0    | 0    | 226           | 230.80     |
| 0825 - 0830                                                                     | 0        | 0       | 156    | 0    | 30    | 0    | 0    | 0    | 0    | 0    | 0    | 242           | 243.70     |
| 0835 - 0840                                                                     | 0        | 0       | 161    | 0    | 30    | 0    | 0    | 0    | 0    | 0    | 0    | 206           | 208.30     |
| Hourly Total                                                                    | 0        | 0       | 612    | 0    | 119   | 0    | 0    | 0    | 0    | 0    | 0    | 694           | 700.10     |
| Hourly Average                                                                  | 0.00     | 0.00    | 153.00 | 0.00 | 29.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 173.50        | 175.03     |
| 0900 - 0910                                                                     | 0        | 0       | 115    | 0    | 28    | 0    | 0    | 0    | 0    | 0    | 0    | 116           | 113.30     |
| 0915 - 0920                                                                     | 0        | 0       | 115    | 0    | 28    | 0    | 0    | 0    | 0    | 0    | 0    | 116           | 113.30     |
| 0925 - 0930                                                                     | 0        | 0       | 130    | 0    | 44    | 0    | 0    | 0    | 0    | 0    | 0    | 185           | 194.80     |
| 0935 - 0940                                                                     | 0        | 0       | 139    | 0    | 34    | 0    | 0    | 0    | 0    | 0    | 0    | 183           | 183.30     |
| Hourly Total                                                                    | 0        | 0       | 499    | 0    | 134   | 0    | 0    | 0    | 0    | 0    | 0    | 596           | 595.20     |
| Hourly Average                                                                  | 0.00     | 0.00    | 124.75 | 0.00 | 33.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 149.00        | 148.80     |
| Session Total                                                                   | 31       | 1       | 3476   | 0    | 599   | 7    | 2    | 2    | 2    | 2    | 2    | 3763          | 3763.00    |
| Session Average                                                                 | 1.75     | 1.42    | 133.58 | 0.00 | 32.58 | 0.42 | 1.00 | 1.25 | 1.00 | 1.25 | 1.00 | 164.60        | 167.51     |

Date  
Wednesday 03 May 2017

Weather  
Cloudy  
Temp: 10°C  
1600 - 1900 (Wednesday PM Peak)

| Movement 1.0: Eastbound from A259 Havant Road (West) to A259 Havant Road (East) |          |         |        |      |       |      |      |      |      |      |      | Original Data |            |
|---------------------------------------------------------------------------------|----------|---------|--------|------|-------|------|------|------|------|------|------|---------------|------------|
| TIME                                                                            | PROCYCLE | MCYCLES | GOVT   | GOVT | GOVT  | GOVT | GOVT | GOVT | GOVT | GOVT | GOVT | TOTAL         | P500 TOTAL |
| 1600 - 1610                                                                     | 1        | 0       | 167    | 1    | 28    | 1    | 0    | 0    | 0    | 0    | 0    | 204           | 201.70     |
| 1610 - 1620                                                                     | 0        | 0       | 219    | 0    | 37    | 0    | 0    | 0    | 0    | 0    | 0    | 247           | 248.60     |
| 1620 - 1630                                                                     | 0        | 0       | 228    | 0    | 37    | 0    | 0    | 0    | 0    | 0    | 0    | 234           | 233.40     |
| 1630 - 1640                                                                     | 0        | 0       | 178    | 0    | 30    | 0    | 0    | 0    | 0    | 0    | 0    | 197           | 203.70     |
| Hourly Total                                                                    | 1        | 0       | 692    | 1    | 102   | 1    | 0    | 0    | 0    | 0    | 0    | 685           | 685.40     |
| Hourly Average                                                                  | 1.20     | 0.00    | 207.33 | 0.25 | 25.50 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 221.50        | 221.10     |
| 1700 - 1710                                                                     | 0        | 0       | 219    | 0    | 34    | 0    | 0    | 0    | 0    | 0    | 0    | 216           | 213.70     |
| 1710 - 1720                                                                     | 0        | 0       | 239    | 0    | 36    | 0    | 0    | 0    | 0    | 0    | 0    | 272           | 268.10     |
| 1720 - 1730                                                                     | 0        | 0       | 182    | 0    | 31    | 0    | 0    | 0    | 0    | 0    | 0    | 212           | 213.70     |
| 1730 - 1740                                                                     | 0        | 0       | 180    | 0    | 25    | 0    | 0    | 0    | 0    | 0    | 0    | 239           | 223.90     |
| Hourly Total                                                                    | 0        | 0       | 699    | 0    | 126   | 1    | 0    | 0    | 0    | 0    | 0    | 746           | 749.40     |
| Hourly Average                                                                  | 0.00     | 0.00    | 174.75 | 0.00 | 31.50 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 186.50        | 187.35     |
| 1800 - 1810                                                                     | 0        | 0       | 200    | 0    | 37    | 0    | 0    | 0    | 0    | 0    | 0    | 217           | 211.70     |
| 1810 - 1820                                                                     | 0        | 0       | 200    | 0    | 37    | 0    | 0    | 0    | 0    | 0    | 0    | 217           | 211.70     |
| 1820 - 1830                                                                     | 0        | 0       | 172    | 0    | 37    | 0    | 1    | 0    | 0    | 0    | 0    | 186           | 187.60     |
| 1830 - 1840                                                                     | 0        | 0       | 172    | 0    | 37    | 0    | 0    | 0    | 0    | 0    | 0    | 186           | 183.30     |
| Hourly Total                                                                    | 0        | 0       | 544    | 0    | 148   | 0    | 1    | 0    | 0    | 0    | 0    | 596           | 595.20     |
| Hourly Average                                                                  | 0.00     | 0.00    | 136.00 | 0.00 | 37.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 149.00        | 148.80     |
| Session Total                                                                   | 42       | 1       | 3476   | 0    | 599   | 7    | 2    | 2    | 2    | 2    | 2    | 3763          | 3763.00    |
| Session Average                                                                 | 1.50     | 0.68    | 202.68 | 0.42 | 16.67 | 1.17 | 0.25 | 0.50 | 0.50 | 0.50 | 0.50 | 228.68        | 224.66     |

Date  
Thursday 04 May 2017

Weather  
Sunny Intervals  
Temp: 12°C  
0700 - 1000 (Thursday AM Peak)

| Movement 1.0: Eastbound from A259 Havant Road (West) to A259 Havant Road (East) |          |         |        |      |       |      |      |      |      |      |      | Original Data |           |
|---------------------------------------------------------------------------------|----------|---------|--------|------|-------|------|------|------|------|------|------|---------------|-----------|
| TIME                                                                            | PROCYCLE | MCYCLES | GOVT   | GOVT | GOVT  | GOVT | GOVT | GOVT | GOVT | GOVT | GOVT | TOTAL         | P50 TOTAL |
| 0700 - 0710                                                                     | 0        | 0       | 65     | 0    | 30    | 0    | 0    | 0    | 0    | 0    | 0    | 86            | 88.30     |
| 0710 - 0720                                                                     | 0        | 0       | 131    | 0    | 37    | 0    | 0    | 0    | 0    | 0    | 0    | 176           | 173.60    |
| 0720 - 0730                                                                     | 0        | 0       | 129    | 0    | 32    | 0    | 0    | 0    | 0    | 0    | 0    | 173           | 173.10    |
| 0730 - 0740                                                                     | 0        | 0       | 129    | 0    | 32    | 0    | 0    | 0    | 0    | 0    | 0    | 176           | 173.60    |
| Hourly Total                                                                    | 0        | 0       | 464    | 0    | 129   | 0    | 0    | 0    | 0    | 0    | 0    | 541           | 555.60    |
| Hourly Average                                                                  | 0.00     | 0.00    | 116.00 | 0.00 | 32.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 135.40        | 138.90    |
| 0800 - 0810                                                                     | 0        | 0       | 168    | 0    | 39    | 0    | 0    | 0    | 0    | 0    | 0    | 211           | 216.10    |
| 0810 - 0820                                                                     | 0        | 0       | 168    | 0    | 39    | 0    | 0    | 0    | 0    | 0    | 0    | 242           | 248.10    |
| 0820 - 0830                                                                     | 0        | 0       | 177    | 0    | 37    | 0    | 0    | 0    | 0    | 0    | 0    | 219           | 223.70    |
| 0830 - 0840                                                                     | 0        | 0       | 162    | 0    | 39    | 0    | 0    | 0    | 0    | 0    | 0    | 154           | 171.10    |
| Hourly Total                                                                    | 0        | 0       | 675    | 0    | 155   | 0    | 0    | 0    | 0    | 0    | 0    | 626           | 659.20    |
| Hourly Average                                                                  | 0.00     | 0.00    | 168.75 | 0.00 | 38.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 156.50        | 164.80    |
| 0900 - 0910                                                                     | 0        | 0       | 133    | 0    | 28    | 0    | 0    | 0    | 0    | 0    | 0    | 173           | 173.60    |
| 0910 - 0920                                                                     | 0        | 0       | 133    | 0    | 28    | 0    | 0    | 0    | 0    | 0    | 0    | 173           | 173.60    |
| 0920 - 0930                                                                     | 0        | 0       | 133    | 0    | 28    | 0    | 0    | 0    | 0    | 0    | 0    | 173           | 173.60    |
| 0930 - 0940                                                                     | 0        | 0       | 133    | 0    | 28    | 0    | 0    | 0    | 0    | 0    | 0    | 173           | 173.60    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   | 0    | 0    | 0    | 0    | 0    | 0    | 644           | 660.80    |
| Hourly Average                                                                  | 0.00     | 0.00    | 133.00 | 0.00 | 28.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 161.00        | 165.20    |
| Hourly Total                                                                    | 0        | 0       | 532    | 0    | 112   |      |      |      |      |      |      |               |           |

Site 1 of 1  
A259 Havant Road (East)  
Western Avenue  
A259 Havant Road (West)

Date  
Tuesday (12 May 2017)

0700 - 1000 (Tuesday AM Peak)

**Date**  
Tuesday 02 May 2017

**Weather**  
Sunny Intervals  
Temp: 10°C

16/00 - 10/00 (Tuesday DM Drink)

**Date**  
Wednesday 03 May 2017

**Weather**  
Cloudy  
Temp: 9°C

**Date**  
Wednesday 03 May 2017

**Weather**  
Cloudy  
Temp: 10°C

1600... 1600 (Wednesday) DM (Dark)

**Date**  
Thursday 04 May 2017

**Weather**  
Sunny Intervals  
Temp: 12°C

(0700 - 1000 (Thursday AM Peak))

**Date**  
Thursday 04 May 2017

**Weather**  
Sunny intervals  
Temp: 10°C

| 1600 - 1500 (Thursday PM Peak)                                   |             |             |             |             |             |             |             |             |             | Original Data |              |
|------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|
| Movement 1: Right from A205 Havens Road (West) to Western Avenue |             |             |             |             |             |             |             |             |             | TOTAL         | PGS TOTAL    |
| TIME                                                             | PICKUP      | BOYD        | CAR         | TAXI        | BIKE        | DRIFT       | WALK        | WHEELCHAIR  |             |               |              |
| 1500 - 1515                                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 0            |
| 1515 - 1530                                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 1.00         |
| 1530 - 1545                                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2             | 2.00         |
| 1545 - 1700                                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 0.00         |
| <b>Hourly Total</b>                                              | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.75</b>   | <b>0.75</b>  |
| 1700 - 1715                                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 0.00         |
| 1715 - 1730                                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 0.00         |
| 1730 - 1745                                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 0.00         |
| 1745 - 1800                                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 0.00         |
| <b>Hourly Total</b>                                              | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.25</b>   | <b>0.25</b>  |
| <b>Hourly Total</b>                                              | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>1.00</b>   | <b>1.00</b>  |
| 1800 - 1815                                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 0.00         |
| 1815 - 1830                                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 0.00         |
| 1830 - 1845                                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 0.00         |
| 1845 - 1900                                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 0.00         |
| <b>Hourly Total</b>                                              | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0</b>      | <b>0.00</b>  |
| <b>Hourly Average</b>                                            | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>1.50</b>   | <b>1.50</b>  |
| <b>Session Total</b>                                             | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>18.00</b>  | <b>18.00</b> |
| <b>Session Average</b>                                           | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.75</b>   | <b>0.75</b>  |

## Appendix E

| Junctions 9                                                                                                                                                                 |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
| PICADY 9 - Priority Intersection Module                                                                                                                                     |  |  |  |  |  |  |  |
| Version: 9.0.1.4646 []<br>© Copyright TRL Limited, 2017                                                                                                                     |  |  |  |  |  |  |  |
| For sales and distribution information, program advice and maintenance, contact TRL:<br>Tel: +44 (0)1344 770758 email: software@trl.co.uk Web: http://www.trlsoftware.co.uk |  |  |  |  |  |  |  |
| The users of this computer program for the solution of an engineering problem are in no way relieved of their responsibility for the correctness of the solution            |  |  |  |  |  |  |  |

Filename: Havant Road Western Avenue Junctions 9 file.j9

Path: Z:\Projects\030-039\034 McCarthy and Stone\034.0099 The Orchard House, Western Avenue, Emsworth\Reports\3. Junction Technical Note

Report generation date: 01/08/2017 14:05:37

»Baseline - 2017, AM

»Baseline - 2017, PM

»Baseline + dev - 2017, AM

»Baseline + dev - 2017, PM

### Summary of junction performance

|                       | AM          |           |      |     | PM          |           |      |     |
|-----------------------|-------------|-----------|------|-----|-------------|-----------|------|-----|
|                       | Queue (Veh) | Delay (s) | RFC  | LOS | Queue (Veh) | Delay (s) | RFC  | LOS |
| Baseline - 2017       |             |           |      |     |             |           |      |     |
| Stream B-AC           | 0.0         | 13.96     | 0.02 | B   | 0.0         | 11.17     | 0.03 | B   |
| Stream C-AB           | 0.0         | 9.02      | 0.02 | A   | 0.0         | 8.71      | 0.01 | A   |
| Baseline + dev - 2017 |             |           |      |     |             |           |      |     |
| Stream B-AC           | 0.0         | 13.96     | 0.02 | B   | 0.0         | 11.17     | 0.03 | B   |
| Stream C-AB           | 0.0         | 9.02      | 0.02 | A   | 0.0         | 8.71      | 0.01 | A   |

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle.

### File summary

#### File Description

|             |                             |
|-------------|-----------------------------|
| Title       | Havant Road/ Western Avenue |
| Location    |                             |
| Site number |                             |
| Date        | 01/08/2017                  |
| Version     |                             |
| Status      | (new file)                  |
| Identifier  |                             |
| Client      | McCarthy & Stone            |
| Jobnumber   |                             |
| Enumerator  | Beth                        |
| Description |                             |

### Units

| Distance units | Speed units | Traffic units input | Traffic units results | Flow units | Average delay units | Total delay units | Rate of delay units |
|----------------|-------------|---------------------|-----------------------|------------|---------------------|-------------------|---------------------|
| m              | kph         | Veh                 | Veh                   | perHour    | s                   | -Min              | perMin              |

### Analysis Options

| Calculate Queue Percentiles | Calculate residual capacity | RFC Threshold | Average Delay threshold (s) | Queue threshold (PCU) |
|-----------------------------|-----------------------------|---------------|-----------------------------|-----------------------|
|                             |                             | 0.85          | 36.00                       | 20.00                 |

### Demand Set Summary

| ID | Scenario name | Time Period name | Traffic profile type | Start time (HH:mm) | Finish time (HH:mm) | Time segment length (min) |
|----|---------------|------------------|----------------------|--------------------|---------------------|---------------------------|
| D1 | 2017          | AM               | ONE HOUR             | 07:45              | 09:15               | 15                        |
| D2 | 2017          | PM               | ONE HOUR             | 16:45              | 18:15               | 15                        |

# Baseline - 2017, AM

## Data Errors and Warnings

No errors or warnings

## Analysis Set Details

| ID | Name     | Network flow scaling factor (%) |
|----|----------|---------------------------------|
| A1 | Baseline | 100.000                         |

## Junction Network

### Junctions

| Junction | Name     | Junction Type | Major road direction | Junction Delay (s) | Junction LOS |
|----------|----------|---------------|----------------------|--------------------|--------------|
| 1        | untitled | T-Junction    | Two-way              | 0.09               | A            |

### Junction Network Options

| Driving side | Lighting       |
|--------------|----------------|
| Left         | Normal/unknown |

## Arms

### Arms

| Arm | Name             | Description | Arm type |
|-----|------------------|-------------|----------|
| A   | Havant Road (WB) |             | Major    |
| B   | Western Avenue   |             | Minor    |
| C   | Havant Road (EB) |             | Major    |

### Major Arm Geometry

| Arm | Width of carriageway (m) | Has kerbed central reserve | Has right turn bay | Visibility for right turn (m) | Blocks? | Blocking queue (PCU) |
|-----|--------------------------|----------------------------|--------------------|-------------------------------|---------|----------------------|
| C   | 10.68                    |                            |                    | 100.0                         | ✓       | 1.00                 |

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

### Minor Arm Geometry

| Arm | Minor arm type | Lane width (m) | Visibility to left (m) | Visibility to right (m) |
|-----|----------------|----------------|------------------------|-------------------------|
| B   | One lane       | 2.55           | 100                    | 100                     |

## Slope / Intercept / Capacity

### Priority Intersection Slopes and Intercepts

| Junction | Stream | Intercept (Veh/hr) | Slope for A-B | Slope for A-C | Slope for C-A | Slope for C-B |
|----------|--------|--------------------|---------------|---------------|---------------|---------------|
| 1        | B-A    | 535                | 0.078         | 0.196         | 0.124         | 0.280         |
| 1        | B-C    | 656                | 0.080         | 0.202         | -             | -             |
| 1        | C-B    | 632                | 0.195         | 0.195         | -             | -             |

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

## Traffic Demand

### Demand Set Details

| ID | Scenario name | Time Period name | Traffic profile type | Start time (HH:mm) | Finish time (HH:mm) | Time segment length (min) |
|----|---------------|------------------|----------------------|--------------------|---------------------|---------------------------|
| D1 | 2017          | AM               | ONE HOUR             | 07:45              | 09:15               | 15                        |

| Vehicle mix source | PCU Factor for a HV (PCU) |
|--------------------|---------------------------|
| HV Percentages     | 2.00                      |

### Demand overview (Traffic)

| Arm | Linked arm | Use O-D data | Average Demand (Veh/hr) | Scaling Factor (%) |
|-----|------------|--------------|-------------------------|--------------------|
| A   |            | ✓            | 876                     | 100.000            |
| B   |            | ✓            | 6                       | 100.000            |
| C   |            | ✓            | 733                     | 100.000            |

## Origin-Destination Data

### Demand (Veh/hr)

|      | To |     |   |     |
|------|----|-----|---|-----|
| From |    | A   | B | C   |
|      | A  | 0   | 3 | 873 |
|      | B  | 3   | 0 | 3   |
|      | C  | 727 | 6 | 0   |

## Vehicle Mix

### Heavy Vehicle Percentages

|      | To |    |    |    |
|------|----|----|----|----|
| From |    | A  | B  | C  |
|      | A  | 10 | 10 | 10 |
|      | B  | 10 | 10 | 10 |
|      | C  | 10 | 10 | 10 |

## Results

### Results Summary for whole modelled period

| Stream | Max RFC | Max delay (s) | Max Queue (Veh) | Max LOS |
|--------|---------|---------------|-----------------|---------|
| B-AC   | 0.02    | 13.96         | 0.0             | B       |
| C-AB   | 0.02    | 9.02          | 0.0             | A       |
| C-A    |         |               |                 |         |
| AB     |         |               |                 |         |
| AC     |         |               |                 |         |

## Main Results for each time segment

### 07:45 - 08:00

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 5                     | 356               | 0.013 | 4                   | 0.0             | 10.249    | B   |
| C-AB   | 5                     | 454               | 0.010 | 5                   | 0.0             | 8.005     | A   |
| C-A    | 547                   |                   |       | 547                 |                 |           |     |
| A-B    | 2                     |                   |       | 2                   |                 |           |     |
| A-C    | 657                   |                   |       | 657                 |                 |           |     |

### 08:00 - 08:15

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 5                     | 318               | 0.017 | 5                   | 0.0             | 11.503    | B   |
| C-AB   | 6                     | 433               | 0.013 | 6                   | 0.0             | 8.415     | A   |
| C-A    | 653                   |                   |       | 653                 |                 |           |     |
| A-B    | 3                     |                   |       | 3                   |                 |           |     |
| A-C    | 785                   |                   |       | 785                 |                 |           |     |

### 08:15 - 08:30

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 7                     | 264               | 0.025 | 7                   | 0.0             | 13.961    | B   |
| C-AB   | 7                     | 406               | 0.017 | 7                   | 0.0             | 9.016     | A   |
| C-A    | 800                   |                   |       | 800                 |                 |           |     |
| A-B    | 3                     |                   |       | 3                   |                 |           |     |
| A-C    | 961                   |                   |       | 961                 |                 |           |     |

### 08:30 - 08:45

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 7                     | 264               | 0.025 | 7                   | 0.0             | 13.964    | B   |
| C-AB   | 7                     | 406               | 0.017 | 7                   | 0.0             | 9.016     | A   |
| C-A    | 800                   |                   |       | 800                 |                 |           |     |
| A-B    | 3                     |                   |       | 3                   |                 |           |     |
| A-C    | 961                   |                   |       | 961                 |                 |           |     |

### 08:45 - 09:00

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 5                     | 318               | 0.017 | 5                   | 0.0             | 11.508    | B   |
| C-AB   | 6                     | 433               | 0.013 | 6                   | 0.0             | 8.417     | A   |
| C-A    | 653                   |                   |       | 653                 |                 |           |     |
| A-B    | 3                     |                   |       | 3                   |                 |           |     |
| A-C    | 785                   |                   |       | 785                 |                 |           |     |

### 09:00 - 09:15

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 5                     | 356               | 0.013 | 5                   | 0.0             | 10.252    | B   |
| C-AB   | 5                     | 454               | 0.010 | 5                   | 0.0             | 8.007     | A   |
| C-A    | 547                   |                   |       | 547                 |                 |           |     |
| A-B    | 2                     |                   |       | 2                   |                 |           |     |
| A-C    | 657                   |                   |       | 657                 |                 |           |     |

# Baseline - 2017, PM

## Data Errors and Warnings

No errors or warnings

## Analysis Set Details

| ID | Name     | Network flow scaling factor (%) |
|----|----------|---------------------------------|
| A1 | Baseline | 100.000                         |

## Junction Network

### Junctions

| Junction | Name     | Junction Type | Major road direction | Junction Delay (s) | Junction LOS |
|----------|----------|---------------|----------------------|--------------------|--------------|
| 1        | untitled | T-Junction    | Two-way              | 0.07               | A            |

### Junction Network Options

| Driving side | Lighting       |
|--------------|----------------|
| Left         | Normal/unknown |

## Arms

### Arms

| Arm | Name             | Description | Arm type |
|-----|------------------|-------------|----------|
| A   | Havant Road (WB) |             | Major    |
| B   | Western Avenue   |             | Minor    |
| C   | Havant Road (EB) |             | Major    |

### Major Arm Geometry

| Arm | Width of carriageway (m) | Has kerbed central reserve | Has right turn bay | Visibility for right turn (m) | Blocks? | Blocking queue (PCU) |
|-----|--------------------------|----------------------------|--------------------|-------------------------------|---------|----------------------|
| C   | 10.68                    |                            |                    | 100.0                         | ✓       | 1.00                 |

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

### Minor Arm Geometry

| Arm | Minor arm type | Lane width (m) | Visibility to left (m) | Visibility to right (m) |
|-----|----------------|----------------|------------------------|-------------------------|
| B   | One lane       | 2.55           | 100                    | 100                     |

## Slope / Intercept / Capacity

### Priority Intersection Slopes and Intercepts

| Junction | Stream | Intercept (Veh/hr) | Slope for A-B | Slope for A-C | Slope for C-A | Slope for C-B |
|----------|--------|--------------------|---------------|---------------|---------------|---------------|
| 1        | B-A    | 535                | 0.078         | 0.196         | 0.124         | 0.280         |
| 1        | B-C    | 656                | 0.080         | 0.202         | -             | -             |
| 1        | C-B    | 632                | 0.195         | 0.195         | -             | -             |

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

## Traffic Demand

### Demand Set Details

| ID | Scenario name | Time Period name | Traffic profile type | Start time (HH:mm) | Finish time (HH:mm) | Time segment length (min) |
|----|---------------|------------------|----------------------|--------------------|---------------------|---------------------------|
| D2 | 2017          | PM               | ONE HOUR             | 16:45              | 18:15               | 15                        |

| Vehicle mix source | PCU Factor for a HV (PCU) |
|--------------------|---------------------------|
| HV Percentages     | 2.00                      |

### Demand overview (Traffic)

| Arm | Linked arm | Use O-D data | Average Demand (Veh/hr) | Scaling Factor (%) |
|-----|------------|--------------|-------------------------|--------------------|
| A   |            | ✓            | 781                     | 100.000            |
| B   |            | ✓            | 9                       | 100.000            |
| C   |            | ✓            | 945                     | 100.000            |

## Origin-Destination Data

### Demand (Veh/hr)

|      | To |     |   |     |
|------|----|-----|---|-----|
| From |    | A   | B | C   |
|      | A  | 0   | 4 | 777 |
|      | B  | 2   | 0 | 7   |
|      | C  | 943 | 2 | 0   |

## Vehicle Mix

### Heavy Vehicle Percentages

|      | To |    |    |    |
|------|----|----|----|----|
| From |    | A  | B  | C  |
|      | A  | 10 | 10 | 10 |
|      | B  | 10 | 10 | 10 |
|      | C  | 10 | 10 | 10 |

## Results

### Results Summary for whole modelled period

| Stream | Max RFC | Max delay (s) | Max Queue (Veh) | Max LOS |
|--------|---------|---------------|-----------------|---------|
| B-AC   | 0.03    | 11.17         | 0.0             | B       |
| C-AB   | 0.01    | 8.71          | 0.0             | A       |
| C-A    |         |               |                 |         |
| AB     |         |               |                 |         |
| AC     |         |               |                 |         |

## Main Results for each time segment

### 16:45 - 17:00

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 7                     | 415               | 0.016 | 7                   | 0.0             | 8.824     | A   |
| C-AB   | 2                     | 464               | 0.003 | 2                   | 0.0             | 7.788     | A   |
| C-A    | 710                   |                   |       | 710                 |                 |           |     |
| A-B    | 3                     |                   |       | 3                   |                 |           |     |
| A-C    | 585                   |                   |       | 585                 |                 |           |     |

### 17:00 - 17:15

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 8                     | 382               | 0.021 | 8                   | 0.0             | 9.639     | A   |
| C-AB   | 2                     | 443               | 0.004 | 2                   | 0.0             | 8.154     | A   |
| C-A    | 848                   |                   |       | 848                 |                 |           |     |
| A-B    | 4                     |                   |       | 4                   |                 |           |     |
| A-C    | 699                   |                   |       | 699                 |                 |           |     |

### 17:15 - 17:30

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 10                    | 332               | 0.030 | 10                  | 0.0             | 11.172    | B   |
| C-AB   | 2                     | 416               | 0.005 | 2                   | 0.0             | 8.704     | A   |
| C-A    | 1038                  |                   |       | 1038                |                 |           |     |
| A-B    | 4                     |                   |       | 4                   |                 |           |     |
| A-C    | 855                   |                   |       | 855                 |                 |           |     |

### 17:30 - 17:45

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 10                    | 332               | 0.030 | 10                  | 0.0             | 11.174    | B   |
| C-AB   | 2                     | 416               | 0.005 | 2                   | 0.0             | 8.706     | A   |
| C-A    | 1038                  |                   |       | 1038                |                 |           |     |
| A-B    | 4                     |                   |       | 4                   |                 |           |     |
| A-C    | 855                   |                   |       | 855                 |                 |           |     |

### 17:45 - 18:00

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 8                     | 382               | 0.021 | 8                   | 0.0             | 9.641     | A   |
| C-AB   | 2                     | 443               | 0.004 | 2                   | 0.0             | 8.156     | A   |
| C-A    | 848                   |                   |       | 848                 |                 |           |     |
| A-B    | 4                     |                   |       | 4                   |                 |           |     |
| A-C    | 699                   |                   |       | 699                 |                 |           |     |

### 18:00 - 18:15

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 7                     | 415               | 0.016 | 7                   | 0.0             | 8.829     | A   |
| C-AB   | 2                     | 464               | 0.003 | 2                   | 0.0             | 7.790     | A   |
| C-A    | 710                   |                   |       | 710                 |                 |           |     |
| A-B    | 3                     |                   |       | 3                   |                 |           |     |
| A-C    | 585                   |                   |       | 585                 |                 |           |     |

# Baseline + dev - 2017, AM

## Data Errors and Warnings

No errors or warnings

## Analysis Set Details

| ID | Name           | Network flow scaling factor (%) |
|----|----------------|---------------------------------|
| A2 | Baseline + dev | 100.000                         |

## Junction Network

### Junctions

| Junction | Name     | Junction Type | Major road direction | Junction Delay (s) | Junction LOS |
|----------|----------|---------------|----------------------|--------------------|--------------|
| 1        | untitled | T-Junction    | Two-way              | 0.09               | A            |

### Junction Network Options

| Driving side | Lighting       |
|--------------|----------------|
| Left         | Normal/unknown |

## Arms

### Arms

| Arm | Name             | Description | Arm type |
|-----|------------------|-------------|----------|
| A   | Havant Road (WB) |             | Major    |
| B   | Western Avenue   |             | Minor    |
| C   | Havant Road (EB) |             | Major    |

### Major Arm Geometry

| Arm | Width of carriageway (m) | Has kerbed central reserve | Has right turn bay | Visibility for right turn (m) | Blocks? | Blocking queue (PCU) |
|-----|--------------------------|----------------------------|--------------------|-------------------------------|---------|----------------------|
| C   | 10.68                    |                            |                    | 100.0                         | ✓       | 1.00                 |

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

### Minor Arm Geometry

| Arm | Minor arm type | Lane width (m) | Visibility to left (m) | Visibility to right (m) |
|-----|----------------|----------------|------------------------|-------------------------|
| B   | One lane       | 2.55           | 100                    | 100                     |

## Slope / Intercept / Capacity

### Priority Intersection Slopes and Intercepts

| Junction | Stream | Intercept (Veh/hr) | Slope for A-B | Slope for A-C | Slope for C-A | Slope for C-B |
|----------|--------|--------------------|---------------|---------------|---------------|---------------|
| 1        | B-A    | 535                | 0.078         | 0.196         | 0.124         | 0.280         |
| 1        | B-C    | 656                | 0.080         | 0.202         | -             | -             |
| 1        | C-B    | 632                | 0.195         | 0.195         | -             | -             |

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

## Traffic Demand

### Demand Set Details

| ID | Scenario name | Time Period name | Traffic profile type | Start time (HH:mm) | Finish time (HH:mm) | Time segment length (min) |
|----|---------------|------------------|----------------------|--------------------|---------------------|---------------------------|
| D1 | 2017          | AM               | ONE HOUR             | 07:45              | 09:15               | 15                        |

| Vehicle mix source | PCU Factor for a HV (PCU) |
|--------------------|---------------------------|
| HV Percentages     | 2.00                      |

### Demand overview (Traffic)

| Arm | Linked arm | Use O-D data | Average Demand (Veh/hr) | Scaling Factor (%) |
|-----|------------|--------------|-------------------------|--------------------|
| A   |            | ✓            | 876                     | 100.000            |
| B   |            | ✓            | 6                       | 100.000            |
| C   |            | ✓            | 733                     | 100.000            |

## Origin-Destination Data

### Demand (Veh/hr)

|      | To |     |   |     |
|------|----|-----|---|-----|
| From |    | A   | B | C   |
|      | A  | 0   | 3 | 873 |
|      | B  | 3   | 0 | 3   |
|      | C  | 727 | 6 | 0   |

## Vehicle Mix

### Heavy Vehicle Percentages

|      | To |    |    |    |
|------|----|----|----|----|
| From |    | A  | B  | C  |
|      | A  | 10 | 10 | 10 |
|      | B  | 10 | 10 | 10 |
|      | C  | 10 | 10 | 10 |

## Results

### Results Summary for whole modelled period

| Stream | Max RFC | Max delay (s) | Max Queue (Veh) | Max LOS |
|--------|---------|---------------|-----------------|---------|
| B-AC   | 0.02    | 13.96         | 0.0             | B       |
| C-AB   | 0.02    | 9.02          | 0.0             | A       |
| C-A    |         |               |                 |         |
| AB     |         |               |                 |         |
| AC     |         |               |                 |         |

## Main Results for each time segment

### 07:45 - 08:00

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 5                     | 356               | 0.013 | 4                   | 0.0             | 10.249    | B   |
| C-AB   | 5                     | 454               | 0.010 | 5                   | 0.0             | 8.005     | A   |
| C-A    | 547                   |                   |       | 547                 |                 |           |     |
| A-B    | 2                     |                   |       | 2                   |                 |           |     |
| A-C    | 657                   |                   |       | 657                 |                 |           |     |

### 08:00 - 08:15

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 5                     | 318               | 0.017 | 5                   | 0.0             | 11.503    | B   |
| C-AB   | 6                     | 433               | 0.013 | 6                   | 0.0             | 8.415     | A   |
| C-A    | 653                   |                   |       | 653                 |                 |           |     |
| A-B    | 3                     |                   |       | 3                   |                 |           |     |
| A-C    | 785                   |                   |       | 785                 |                 |           |     |

### 08:15 - 08:30

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 7                     | 264               | 0.025 | 7                   | 0.0             | 13.961    | B   |
| C-AB   | 7                     | 406               | 0.017 | 7                   | 0.0             | 9.016     | A   |
| C-A    | 800                   |                   |       | 800                 |                 |           |     |
| A-B    | 3                     |                   |       | 3                   |                 |           |     |
| A-C    | 961                   |                   |       | 961                 |                 |           |     |

### 08:30 - 08:45

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 7                     | 264               | 0.025 | 7                   | 0.0             | 13.964    | B   |
| C-AB   | 7                     | 406               | 0.017 | 7                   | 0.0             | 9.016     | A   |
| C-A    | 800                   |                   |       | 800                 |                 |           |     |
| A-B    | 3                     |                   |       | 3                   |                 |           |     |
| A-C    | 961                   |                   |       | 961                 |                 |           |     |

### 08:45 - 09:00

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 5                     | 318               | 0.017 | 5                   | 0.0             | 11.508    | B   |
| C-AB   | 6                     | 433               | 0.013 | 6                   | 0.0             | 8.417     | A   |
| C-A    | 653                   |                   |       | 653                 |                 |           |     |
| A-B    | 3                     |                   |       | 3                   |                 |           |     |
| A-C    | 785                   |                   |       | 785                 |                 |           |     |

### 09:00 - 09:15

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 5                     | 356               | 0.013 | 5                   | 0.0             | 10.252    | B   |
| C-AB   | 5                     | 454               | 0.010 | 5                   | 0.0             | 8.007     | A   |
| C-A    | 547                   |                   |       | 547                 |                 |           |     |
| A-B    | 2                     |                   |       | 2                   |                 |           |     |
| A-C    | 657                   |                   |       | 657                 |                 |           |     |

# Baseline + dev - 2017, PM

## Data Errors and Warnings

No errors or warnings

## Analysis Set Details

| ID | Name           | Network flow scaling factor (%) |
|----|----------------|---------------------------------|
| A2 | Baseline + dev | 100.000                         |

## Junction Network

### Junctions

| Junction | Name     | Junction Type | Major road direction | Junction Delay (s) | Junction LOS |
|----------|----------|---------------|----------------------|--------------------|--------------|
| 1        | untitled | T-Junction    | Two-way              | 0.07               | A            |

### Junction Network Options

| Driving side | Lighting       |
|--------------|----------------|
| Left         | Normal/unknown |

## Arms

### Arms

| Arm | Name             | Description | Arm type |
|-----|------------------|-------------|----------|
| A   | Havant Road (WB) |             | Major    |
| B   | Western Avenue   |             | Minor    |
| C   | Havant Road (EB) |             | Major    |

### Major Arm Geometry

| Arm | Width of carriageway (m) | Has kerbed central reserve | Has right turn bay | Visibility for right turn (m) | Blocks? | Blocking queue (PCU) |
|-----|--------------------------|----------------------------|--------------------|-------------------------------|---------|----------------------|
| C   | 10.68                    |                            |                    | 100.0                         | ✓       | 1.00                 |

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

### Minor Arm Geometry

| Arm | Minor arm type | Lane width (m) | Visibility to left (m) | Visibility to right (m) |
|-----|----------------|----------------|------------------------|-------------------------|
| B   | One lane       | 2.55           | 100                    | 100                     |

## Slope / Intercept / Capacity

### Priority Intersection Slopes and Intercepts

| Junction | Stream | Intercept (Veh/hr) | Slope for A-B | Slope for A-C | Slope for C-A | Slope for C-B |
|----------|--------|--------------------|---------------|---------------|---------------|---------------|
| 1        | B-A    | 535                | 0.078         | 0.196         | 0.124         | 0.280         |
| 1        | B-C    | 656                | 0.080         | 0.202         | -             | -             |
| 1        | C-B    | 632                | 0.195         | 0.195         | -             | -             |

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

## Traffic Demand

### Demand Set Details

| ID | Scenario name | Time Period name | Traffic profile type | Start time (HH:mm) | Finish time (HH:mm) | Time segment length (min) |
|----|---------------|------------------|----------------------|--------------------|---------------------|---------------------------|
| D2 | 2017          | PM               | ONE HOUR             | 16:45              | 18:15               | 15                        |

| Vehicle mix source | PCU Factor for a HV (PCU) |
|--------------------|---------------------------|
| HV Percentages     | 2.00                      |

### Demand overview (Traffic)

| Arm | Linked arm | Use O-D data | Average Demand (Veh/hr) | Scaling Factor (%) |
|-----|------------|--------------|-------------------------|--------------------|
| A   |            | ✓            | 781                     | 100.000            |
| B   |            | ✓            | 9                       | 100.000            |
| C   |            | ✓            | 945                     | 100.000            |

## Origin-Destination Data

### Demand (Veh/hr)

|      | To |     |   |     |
|------|----|-----|---|-----|
| From |    | A   | B | C   |
|      | A  | 0   | 4 | 777 |
|      | B  | 2   | 0 | 7   |
|      | C  | 943 | 2 | 0   |

## Vehicle Mix

### Heavy Vehicle Percentages

|      | To |    |    |    |
|------|----|----|----|----|
| From |    | A  | B  | C  |
|      | A  | 10 | 10 | 10 |
|      | B  | 10 | 10 | 10 |
|      | C  | 10 | 10 | 10 |

## Results

### Results Summary for whole modelled period

| Stream | Max RFC | Max delay (s) | Max Queue (Veh) | Max LOS |
|--------|---------|---------------|-----------------|---------|
| B-AC   | 0.03    | 11.17         | 0.0             | B       |
| C-AB   | 0.01    | 8.71          | 0.0             | A       |
| C-A    |         |               |                 |         |
| AB     |         |               |                 |         |
| AC     |         |               |                 |         |

## Main Results for each time segment

### 16:45 - 17:00

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 7                     | 415               | 0.016 | 7                   | 0.0             | 8.824     | A   |
| C-AB   | 2                     | 464               | 0.003 | 2                   | 0.0             | 7.788     | A   |
| C-A    | 710                   |                   |       | 710                 |                 |           |     |
| A-B    | 3                     |                   |       | 3                   |                 |           |     |
| A-C    | 585                   |                   |       | 585                 |                 |           |     |

### 17:00 - 17:15

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 8                     | 382               | 0.021 | 8                   | 0.0             | 9.639     | A   |
| C-AB   | 2                     | 443               | 0.004 | 2                   | 0.0             | 8.154     | A   |
| C-A    | 848                   |                   |       | 848                 |                 |           |     |
| A-B    | 4                     |                   |       | 4                   |                 |           |     |
| A-C    | 699                   |                   |       | 699                 |                 |           |     |

### 17:15 - 17:30

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 10                    | 332               | 0.030 | 10                  | 0.0             | 11.172    | B   |
| C-AB   | 2                     | 416               | 0.005 | 2                   | 0.0             | 8.704     | A   |
| C-A    | 1038                  |                   |       | 1038                |                 |           |     |
| A-B    | 4                     |                   |       | 4                   |                 |           |     |
| A-C    | 855                   |                   |       | 855                 |                 |           |     |

### 17:30 - 17:45

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 10                    | 332               | 0.030 | 10                  | 0.0             | 11.174    | B   |
| C-AB   | 2                     | 416               | 0.005 | 2                   | 0.0             | 8.706     | A   |
| C-A    | 1038                  |                   |       | 1038                |                 |           |     |
| A-B    | 4                     |                   |       | 4                   |                 |           |     |
| A-C    | 855                   |                   |       | 855                 |                 |           |     |

### 17:45 - 18:00

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 8                     | 382               | 0.021 | 8                   | 0.0             | 9.641     | A   |
| C-AB   | 2                     | 443               | 0.004 | 2                   | 0.0             | 8.156     | A   |
| C-A    | 848                   |                   |       | 848                 |                 |           |     |
| A-B    | 4                     |                   |       | 4                   |                 |           |     |
| A-C    | 699                   |                   |       | 699                 |                 |           |     |

### 18:00 - 18:15

| Stream | Total Demand (Veh/hr) | Capacity (Veh/hr) | RFC   | Throughput (Veh/hr) | End queue (Veh) | Delay (s) | LOS |
|--------|-----------------------|-------------------|-------|---------------------|-----------------|-----------|-----|
| B-AC   | 7                     | 415               | 0.016 | 7                   | 0.0             | 8.829     | A   |
| C-AB   | 2                     | 464               | 0.003 | 2                   | 0.0             | 7.790     | A   |
| C-A    | 710                   |                   |       | 710                 |                 |           |     |
| A-B    | 3                     |                   |       | 3                   |                 |           |     |
| A-C    | 585                   |                   |       | 585                 |                 |           |     |