

Mr P Kitchiner

Willow Warren, London Road  
Barkway

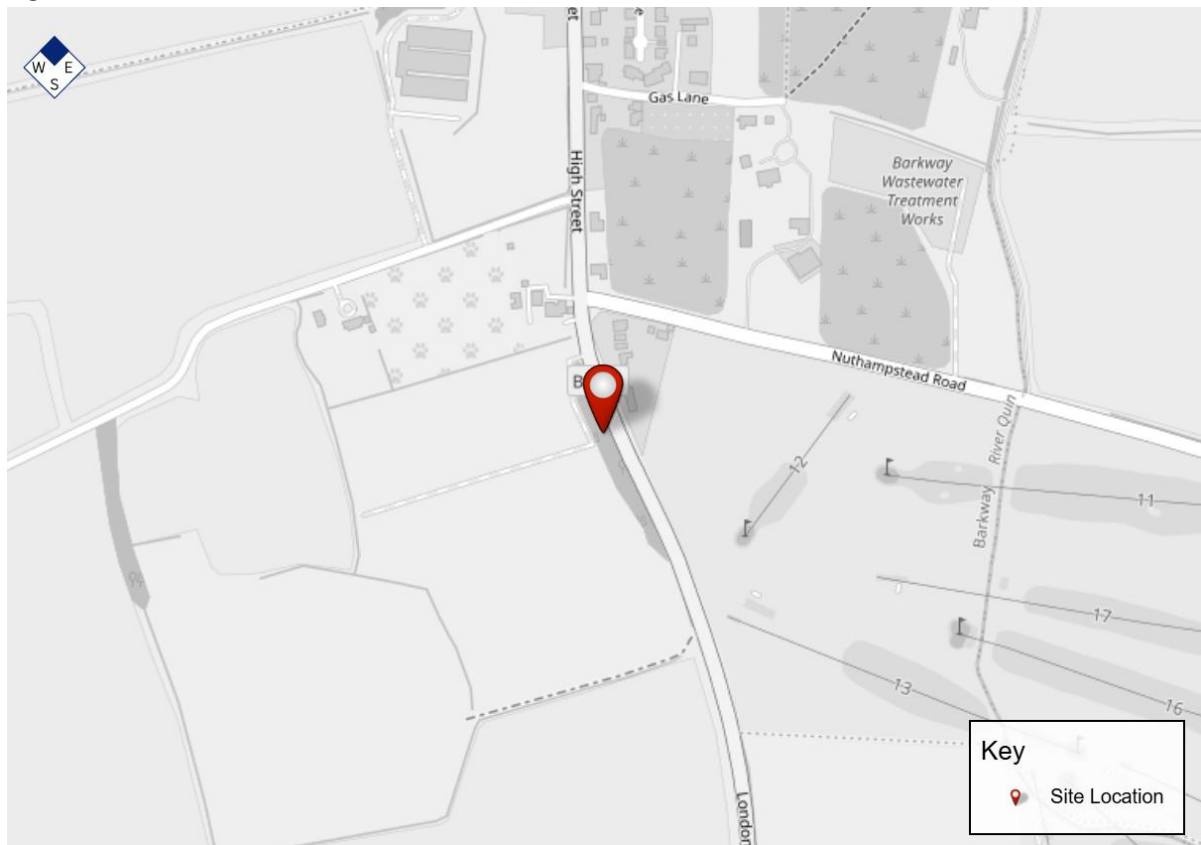
Project Reference: 2605-004/TN/01

Technical Note

## 1 Vehicle access appraisal

- 1.1 Transport Planning Associates has been instructed to provide a review of the vehicle access for Willow Warren, with a focus on the necessary visibility splays along London Road. The site location is illustrated on the plan at Figure 1.1.

Figure 1.1 Site Location – Local Context



Source: @ OpenStreetMap Contributors

- 1.2 The speed limit at the access location is 60mph and changes to 30mph approximately 65m to the north.
- 1.3 A vehicle speed survey, in the form of an Automatic Traffic Counter (ATC) has been completed by Paul Castle Associates, in order to allow the calculation of appropriate visibility splays to the south of the access. The full ATC results are provided at **Appendix A**.
- 1.4 The survey shows that 85<sup>th</sup> percentile northbound speeds were 53.6mph. This allows the necessary visibility to be calculated utilising Design Manual for Roads and Bridges standards and the resultant stopping distance is 157m.
- 1.5 A plan is provided at **Appendix B**, illustrating that a splay of 2.4m x 157m is available to the south from the access. The plan also indicates that, to the north of the access, a splay of 2.4m x 120m is available to the tangent with the nearside kerb and thus significantly greater visibility is available, well into the 30mph zone, which is well in excess of the necessary minimum.

## Document Management

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### **Document Review**

|    | Status | Author | Checker | Approver | Date    |
|----|--------|--------|---------|----------|---------|
| 01 | Draft  | NH     |         | NH       | June 26 |
| -  | Issue  | NH     |         | NH       | June 26 |
|    |        |        |         |          |         |
|    |        |        |         |          |         |
|    |        |        |         |          |         |
|    |        |        |         |          |         |

# APPENDIX A

Barkway ATC, London Road

Direction: Northbound

| Hour<br>Beginning  | Fri<br>12/06/2026 | Sat<br>13/06/2026 | Sun<br>14/06/2026 | Mon<br>15/06/2026 | Tue<br>16/06/2026 | Wed<br>17/06/2026 | Thu<br>18/06/2026 | 5-Day<br>Ave. | 7-Day<br>Ave. |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------|---------------|
| 00:00              | 5                 | 7                 | 12                | 3                 | 3                 | 3                 | 5                 | 4             | 5             |
| 01:00              | 1                 | 3                 | 13                | 1                 | 2                 | 0                 | 3                 | 1             | 3             |
| 02:00              | 2                 | 0                 | 12                | 0                 | 2                 | 0                 | 1                 | 1             | 2             |
| 03:00              | 2                 | 0                 | 6                 | 1                 | 2                 | 2                 | 0                 | 1             | 2             |
| 04:00              | 1                 | 0                 | 7                 | 2                 | 1                 | 2                 | 1                 | 1             | 2             |
| 05:00              | 8                 | 7                 | 5                 | 16                | 10                | 11                | 9                 | 11            | 9             |
| 06:00              | 32                | 19                | 22                | 33                | 37                | 36                | 36                | 35            | 31            |
| 07:00              | 82                | 38                | 50                | 85                | 78                | 73                | 68                | 77            | 68            |
| 08:00              | 80                | 59                | 52                | 90                | 107               | 103               | 92                | 94            | 83            |
| 09:00              | 78                | 69                | 75                | 76                | 115               | 67                | 78                | 83            | 80            |
| 10:00              | 73                | 74                | 100               | 56                | 66                | 56                | 72                | 65            | 71            |
| 11:00              | 85                | 86                | 107               | 64                | 78                | 63                | 59                | 70            | 77            |
| 12:00              | 95                | 86                | 80                | 49                | 65                | 66                | 61                | 67            | 72            |
| 13:00              | 87                | 83                | 73                | 58                | 55                | 55                | 65                | 64            | 68            |
| 14:00              | 71                | 69                | 60                | 63                | 46                | 58                | 47                | 57            | 59            |
| 15:00              | 102               | 55                | 46                | 78                | 66                | 92                | 72                | 82            | 73            |
| 16:00              | 99                | 51                | 34                | 78                | 98                | 77                | 80                | 86            | 74            |
| 17:00              | 89                | 38                | 36                | 89                | 95                | 117               | 81                | 94            | 78            |
| 18:00              | 59                | 49                | 28                | 41                | 55                | 81                | 54                | 58            | 52            |
| 19:00              | 52                | 33                | 31                | 62                | 34                | 42                | 47                | 47            | 43            |
| 20:00              | 25                | 20                | 18                | 15                | 19                | 26                | 27                | 22            | 21            |
| 21:00              | 27                | 21                | 13                | 21                | 15                | 15                | 16                | 19            | 18            |
| 22:00              | 20                | 10                | 6                 | 11                | 4                 | 9                 | 14                | 12            | 11            |
| 23:00              | 7                 | 8                 | 2                 | 5                 | 7                 | 17                | 4                 | 8             | 7             |
| Total<br>12H(7-19) | 1000              | 757               | 741               | 827               | 924               | 908               | 829               | 898           | 855           |
| 16H(6-22)          | 1136              | 850               | 825               | 958               | 1029              | 1027              | 955               | 1021          | 969           |
| 18H(6-24)          | 1163              | 868               | 833               | 974               | 1040              | 1053              | 973               | 1041          | 986           |
| 24H(0-24)          | 1182              | 885               | 888               | 997               | 1060              | 1071              | 992               | 1060          | 1011          |
| AM Peak            | 11:00             | 11:00             | 11:00             | 08:00             | 09:00             | 08:00             | 08:00             | 08:00         | 08:00         |
|                    | 85                | 86                | 107               | 90                | 115               | 103               | 92                | 94            | 83            |
| PM Peak            | 15:00             | 12:00             | 12:00             | 17:00             | 16:00             | 17:00             | 17:00             | 17:00         | 17:00         |
|                    | 102               | 86                | 80                | 89                | 98                | 117               | 81                | 94            | 78            |

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Direction: Southbound

| Hour<br>Beginning  | Fri<br>12/06/2026 | Sat<br>13/06/2026 | Sun<br>14/06/2026 | Mon<br>15/06/2026 | Tue<br>16/06/2026 | Wed<br>17/06/2026 | Thu<br>18/06/2026 | 5-Day<br>Ave. | 7-Day<br>Ave. |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------|---------------|
| 00:00              | 5                 | 14                | 25                | 2                 | 3                 | 3                 | 3                 | 3             | 8             |
| 01:00              | 3                 | 4                 | 16                | 0                 | 1                 | 0                 | 1                 | 1             | 4             |
| 02:00              | 4                 | 3                 | 11                | 1                 | 0                 | 0                 | 2                 | 1             | 3             |
| 03:00              | 2                 | 1                 | 2                 | 2                 | 2                 | 0                 | 3                 | 2             | 2             |
| 04:00              | 4                 | 0                 | 2                 | 4                 | 7                 | 5                 | 6                 | 5             | 4             |
| 05:00              | 5                 | 2                 | 7                 | 13                | 10                | 11                | 6                 | 9             | 8             |
| 06:00              | 25                | 10                | 12                | 39                | 34                | 38                | 45                | 36            | 29            |
| 07:00              | 81                | 26                | 35                | 101               | 107               | 91                | 86                | 93            | 75            |
| 08:00              | 102               | 56                | 37                | 92                | 126               | 111               | 84                | 103           | 87            |
| 09:00              | 61                | 79                | 65                | 58                | 54                | 48                | 57                | 56            | 60            |
| 10:00              | 66                | 67                | 81                | 68                | 68                | 59                | 55                | 63            | 66            |
| 11:00              | 70                | 89                | 77                | 60                | 74                | 60                | 56                | 64            | 69            |
| 12:00              | 129               | 91                | 88                | 65                | 61                | 66                | 72                | 79            | 82            |
| 13:00              | 137               | 101               | 69                | 73                | 87                | 60                | 66                | 85            | 85            |
| 14:00              | 123               | 101               | 84                | 79                | 89                | 65                | 75                | 86            | 88            |
| 15:00              | 145               | 81                | 82                | 97                | 88                | 97                | 109               | 107           | 100           |
| 16:00              | 148               | 58                | 70                | 110               | 133               | 90                | 109               | 118           | 103           |
| 17:00              | 134               | 79                | 71                | 100               | 134               | 95                | 103               | 113           | 102           |
| 18:00              | 84                | 60                | 52                | 54                | 71                | 66                | 75                | 70            | 66            |
| 19:00              | 54                | 50                | 39                | 39                | 35                | 59                | 35                | 44            | 44            |
| 20:00              | 33                | 28                | 29                | 26                | 28                | 45                | 37                | 34            | 32            |
| 21:00              | 31                | 11                | 17                | 16                | 16                | 21                | 15                | 20            | 18            |
| 22:00              | 26                | 22                | 7                 | 11                | 12                | 14                | 9                 | 14            | 14            |
| 23:00              | 15                | 30                | 3                 | 5                 | 10                | 17                | 7                 | 11            | 12            |
| Total<br>12H(7-19) | 1280              | 888               | 811               | 957               | 1092              | 908               | 947               | 1037          | 983           |
| 16H(6-22)          | 1423              | 987               | 908               | 1077              | 1205              | 1071              | 1079              | 1171          | 1107          |
| 18H(6-24)          | 1464              | 1039              | 918               | 1093              | 1227              | 1102              | 1095              | 1196          | 1134          |
| 24H(0-24)          | 1487              | 1063              | 981               | 1115              | 1250              | 1121              | 1116              | 1218          | 1162          |
| AM Peak            | 08:00             | 11:00             | 10:00             | 07:00             | 08:00             | 08:00             | 07:00             | 08:00         | 08:00         |
|                    | 102               | 89                | 81                | 101               | 126               | 111               | 86                | 103           | 87            |
| PM Peak            | 16:00             | 13:00             | 12:00             | 16:00             | 17:00             | 15:00             | 15:00             | 16:00         | 16:00         |
|                    | 148               | 101               | 88                | 110               | 134               | 97                | 109               | 118           | 103           |

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Direction: Total Flow

| Hour<br>Beginning  | Fri<br>12/06/2026 | Sat<br>13/06/2026 | Sun<br>14/06/2026 | Mon<br>15/06/2026 | Tue<br>16/06/2026 | Wed<br>17/06/2026 | Thu<br>18/06/2026 | 5-Day<br>Ave. | 7-Day<br>Ave. |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------|---------------|
| 00:00              | 10                | 21                | 37                | 5                 | 6                 | 6                 | 8                 | 7             | 13            |
| 01:00              | 4                 | 7                 | 29                | 1                 | 3                 | 0                 | 4                 | 2             | 7             |
| 02:00              | 6                 | 3                 | 23                | 1                 | 2                 | 0                 | 3                 | 2             | 5             |
| 03:00              | 4                 | 1                 | 8                 | 3                 | 4                 | 2                 | 3                 | 3             | 4             |
| 04:00              | 5                 | 0                 | 9                 | 6                 | 8                 | 7                 | 7                 | 7             | 6             |
| 05:00              | 13                | 9                 | 12                | 29                | 20                | 22                | 15                | 20            | 17            |
| 06:00              | 57                | 29                | 34                | 72                | 71                | 74                | 81                | 71            | 60            |
| 07:00              | 163               | 64                | 85                | 186               | 185               | 164               | 154               | 170           | 143           |
| 08:00              | 182               | 115               | 89                | 182               | 233               | 214               | 176               | 197           | 170           |
| 09:00              | 139               | 148               | 140               | 134               | 169               | 115               | 135               | 138           | 140           |
| 10:00              | 139               | 141               | 181               | 124               | 134               | 115               | 127               | 128           | 137           |
| 11:00              | 155               | 175               | 184               | 124               | 152               | 123               | 115               | 134           | 147           |
| 12:00              | 224               | 177               | 168               | 114               | 126               | 132               | 133               | 146           | 153           |
| 13:00              | 224               | 184               | 142               | 131               | 142               | 115               | 131               | 149           | 153           |
| 14:00              | 194               | 170               | 144               | 142               | 135               | 123               | 122               | 143           | 147           |
| 15:00              | 247               | 136               | 128               | 175               | 154               | 189               | 181               | 189           | 173           |
| 16:00              | 247               | 109               | 104               | 188               | 231               | 167               | 189               | 204           | 176           |
| 17:00              | 223               | 117               | 107               | 189               | 229               | 212               | 184               | 207           | 180           |
| 18:00              | 143               | 109               | 80                | 95                | 126               | 147               | 129               | 128           | 118           |
| 19:00              | 106               | 83                | 70                | 101               | 69                | 101               | 82                | 92            | 87            |
| 20:00              | 58                | 48                | 47                | 41                | 47                | 71                | 64                | 56            | 54            |
| 21:00              | 58                | 32                | 30                | 37                | 31                | 36                | 31                | 39            | 36            |
| 22:00              | 46                | 32                | 13                | 22                | 16                | 23                | 23                | 26            | 25            |
| 23:00              | 22                | 38                | 5                 | 10                | 17                | 34                | 11                | 19            | 20            |
| Total<br>12H(7-19) | 2280              | 1645              | 1552              | 1784              | 2016              | 1816              | 1776              | 1934          | 1838          |
| 16H(6-22)          | 2559              | 1837              | 1733              | 2035              | 2234              | 2098              | 2034              | 2192          | 2076          |
| 18H(6-24)          | 2627              | 1907              | 1751              | 2067              | 2267              | 2155              | 2068              | 2237          | 2120          |
| 24H(0-24)          | 2669              | 1948              | 1869              | 2112              | 2310              | 2192              | 2108              | 2278          | 2173          |
| AM Peak            | 08:00             | 11:00             | 11:00             | 07:00             | 08:00             | 08:00             | 08:00             | 08:00         | 08:00         |
|                    | 182               | 175               | 184               | 186               | 233               | 214               | 176               | 197           | 170           |
| PM Peak            | 15:00             | 13:00             | 12:00             | 17:00             | 16:00             | 17:00             | 16:00             | 17:00         | 17:00         |
|                    | 247               | 184               | 168               | 189               | 231               | 212               | 189               | 207           | 180           |

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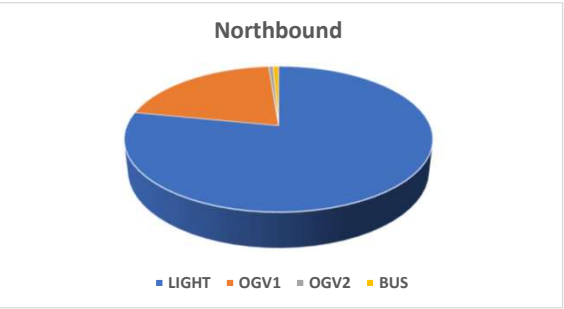


Barkway ATC, London Road

| Direction: Northbound |              |       |      |      |     |
|-----------------------|--------------|-------|------|------|-----|
|                       | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
| Fri 12 Jun 2026       | 1182         | 884   | 278  | 6    | 14  |
| Sat 13 Jun 2026       | 885          | 714   | 167  | 2    | 2   |
| Sun 14 Jun 2026       | 888          | 739   | 145  | 3    | 1   |
| Mon 15 Jun 2026       | 997          | 768   | 214  | 6    | 9   |
| Tue 16 Jun 2026       | 1060         | 805   | 238  | 8    | 9   |
| Wed 17 Jun 2026       | 1071         | 841   | 215  | 6    | 9   |
| Thu 18 Jun 2026       | 992          | 773   | 206  | 8    | 5   |
| 5 Day Ave.            | 1060         | 814   | 230  | 7    | 9   |
| 7 Day Ave.            | 1011         | 789   | 209  | 6    | 7   |

|                 | Total Volume | LIGHT | OGV1  | OGV2 | BUS  |
|-----------------|--------------|-------|-------|------|------|
| Fri 12 Jun 2026 | 100.0%       | 74.8% | 23.5% | 0.5% | 1.2% |
| Sat 13 Jun 2026 | 100.0%       | 80.7% | 18.9% | 0.2% | 0.2% |
| Sun 14 Jun 2026 | 100.0%       | 83.2% | 16.3% | 0.3% | 0.1% |
| Mon 15 Jun 2026 | 100.0%       | 77.0% | 21.5% | 0.6% | 0.9% |
| Tue 16 Jun 2026 | 100.0%       | 75.9% | 22.5% | 0.8% | 0.8% |
| Wed 17 Jun 2026 | 100.0%       | 78.5% | 20.1% | 0.6% | 0.8% |
| Thu 18 Jun 2026 | 100.0%       | 77.9% | 20.8% | 0.8% | 0.5% |
| 5 Day Ave.      | 100.0%       | 76.8% | 21.7% | 0.6% | 0.9% |
| 7 Day Ave.      | 100.0%       | 78.1% | 20.7% | 0.6% | 0.7% |

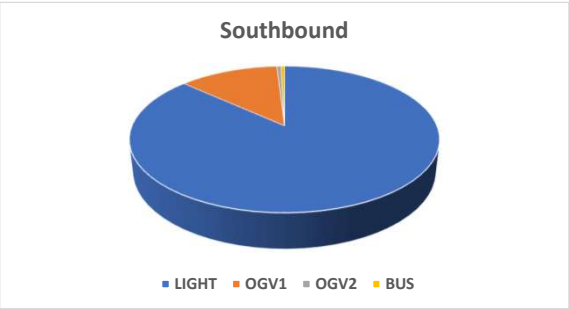
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| Direction: Southbound |              |       |      |      |     |
|-----------------------|--------------|-------|------|------|-----|
|                       | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
| Fri 12 Jun 2026       | 1487         | 1257  | 211  | 12   | 7   |
| Sat 13 Jun 2026       | 1063         | 951   | 105  | 3    | 4   |
| Sun 14 Jun 2026       | 981          | 895   | 84   | 2    | 0   |
| Mon 15 Jun 2026       | 1115         | 964   | 143  | 3    | 5   |
| Tue 16 Jun 2026       | 1250         | 1078  | 155  | 10   | 7   |
| Wed 17 Jun 2026       | 1121         | 951   | 160  | 4    | 6   |
| Thu 18 Jun 2026       | 1116         | 955   | 146  | 8    | 7   |
| 5 Day Ave.            | 1218         | 1041  | 163  | 7    | 6   |
| 7 Day Ave.            | 1162         | 1007  | 143  | 6    | 5   |

|                 | Total Volume | LIGHT | OGV1  | OGV2 | BUS  |
|-----------------|--------------|-------|-------|------|------|
| Fri 12 Jun 2026 | 100.0%       | 84.5% | 14.2% | 0.8% | 0.5% |
| Sat 13 Jun 2026 | 100.0%       | 89.5% | 9.9%  | 0.3% | 0.4% |
| Sun 14 Jun 2026 | 100.0%       | 91.2% | 8.6%  | 0.2% | 0.0% |
| Mon 15 Jun 2026 | 100.0%       | 86.5% | 12.8% | 0.3% | 0.4% |
| Tue 16 Jun 2026 | 100.0%       | 86.2% | 12.4% | 0.8% | 0.6% |
| Wed 17 Jun 2026 | 100.0%       | 84.8% | 14.3% | 0.4% | 0.5% |
| Thu 18 Jun 2026 | 100.0%       | 85.6% | 13.1% | 0.7% | 0.6% |
| 5 Day Ave.      | 100.0%       | 85.5% | 13.4% | 0.6% | 0.5% |
| 7 Day Ave.      | 100.0%       | 86.7% | 12.3% | 0.5% | 0.4% |

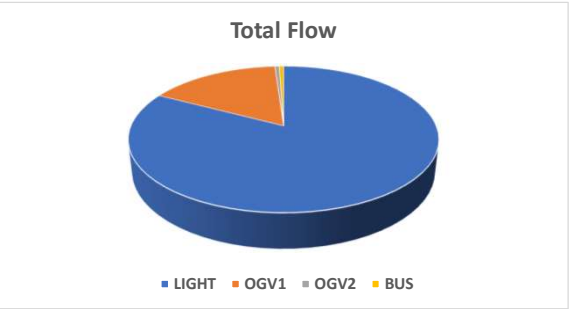
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| Direction: Total Flow |              |       |      |      |     |
|-----------------------|--------------|-------|------|------|-----|
|                       | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
| Fri 12 Jun 2026       | 2669         | 2141  | 489  | 18   | 21  |
| Sat 13 Jun 2026       | 1948         | 1665  | 272  | 5    | 6   |
| Sun 14 Jun 2026       | 1869         | 1634  | 229  | 5    | 1   |
| Mon 15 Jun 2026       | 2112         | 1732  | 357  | 9    | 14  |
| Tue 16 Jun 2026       | 2310         | 1883  | 393  | 18   | 16  |
| Wed 17 Jun 2026       | 2192         | 1792  | 375  | 10   | 15  |
| Thu 18 Jun 2026       | 2108         | 1728  | 352  | 16   | 12  |
| 5 Day Ave.            | 2278         | 1855  | 393  | 14   | 16  |
| 7 Day Ave.            | 2173         | 1796  | 352  | 12   | 12  |

|                 | Total Volume | LIGHT | OGV1  | OGV2 | BUS  |
|-----------------|--------------|-------|-------|------|------|
| Fri 12 Jun 2026 | 100.0%       | 80.2% | 18.3% | 0.7% | 0.8% |
| Sat 13 Jun 2026 | 100.0%       | 85.5% | 14.0% | 0.3% | 0.3% |
| Sun 14 Jun 2026 | 100.0%       | 87.4% | 12.3% | 0.3% | 0.1% |
| Mon 15 Jun 2026 | 100.0%       | 82.0% | 16.9% | 0.4% | 0.7% |
| Tue 16 Jun 2026 | 100.0%       | 81.5% | 17.0% | 0.8% | 0.7% |
| Wed 17 Jun 2026 | 100.0%       | 81.8% | 17.1% | 0.5% | 0.7% |
| Thu 18 Jun 2026 | 100.0%       | 82.0% | 16.7% | 0.8% | 0.6% |
| 5 Day Ave.      | 100.0%       | 81.4% | 17.3% | 0.6% | 0.7% |
| 7 Day Ave.      | 100.0%       | 82.7% | 16.2% | 0.5% | 0.6% |

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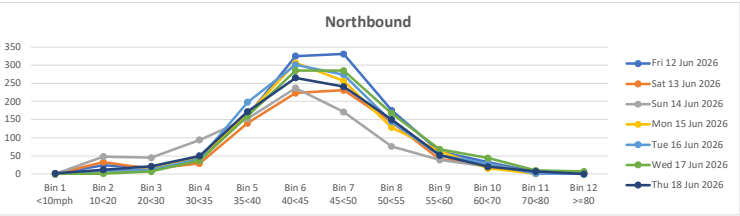


Barkway ATC, London Road

Direction: Northbound

|                 | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| Fri 12 Jun 2026 | 1182         | 54.2            | 45.1         | 8.8                | 2            | 24          | 18          | 43          | 161         | 325         | 331         | 176         | 62          | 33           | 5            | 2           |
| Sat 13 Jun 2026 | 885          | 54.4            | 44.5         | 9.5                | 0            | 33          | 14          | 29          | 140         | 223         | 231         | 143         | 41          | 28           | 1            | 2           |
| Sun 14 Jun 2026 | 888          | 52.5            | 41.4         | 10.7               | 0            | 48          | 45          | 94          | 153         | 237         | 171         | 76          | 39          | 20           | 1            | 4           |
| Mon 15 Jun 2026 | 997          | 52.5            | 44.9         | 7.3                | 0            | 3           | 13          | 45          | 164         | 306         | 257         | 128         | 63          | 16           | 1            | 1           |
| Tue 16 Jun 2026 | 1060         | 52.7            | 44.7         | 7.7                | 0            | 9           | 12          | 42          | 198         | 301         | 274         | 144         | 51          | 28           | 1            | 0           |
| Wed 17 Jun 2026 | 1071         | 55.4            | 46.6         | 8.5                | 0            | 1           | 7           | 37          | 160         | 285         | 285         | 167         | 68          | 44           | 10           | 7           |
| Thu 18 Jun 2026 | 992          | 53.5            | 44.6         | 8.6                | 2            | 12          | 21          | 50          | 172         | 265         | 241         | 150         | 52          | 20           | 7            | 0           |
| 5 Day Ave.      | 1060         | 53.7            | 45.2         | 8.2                | 1            | 10          | 14          | 43          | 171         | 296         | 278         | 153         | 59          | 28           | 5            | 2           |
| 7 Day Ave.      | 1011         | 53.6            | 44.5         | 8.7                | 1            | 19          | 19          | 49          | 164         | 277         | 256         | 141         | 54          | 27           | 4            | 2           |

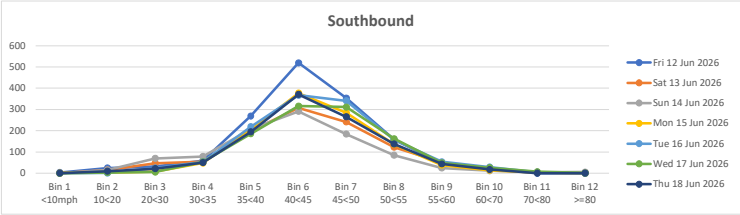
Paul Castle Associates



Direction: Southbound

|                 | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| Fri 12 Jun 2026 | 1487         | 51.4            | 43.3         | 7.8                | 4            | 25          | 32          | 59          | 269         | 519         | 353         | 158         | 46          | 22           | 0            | 0           |
| Sat 13 Jun 2026 | 1063         | 52.7            | 43.5         | 8.9                | 0            | 16          | 47          | 54          | 199         | 307         | 241         | 122         | 51          | 20           | 4            | 2           |
| Sun 14 Jun 2026 | 981          | 51.6            | 41.8         | 9.5                | 1            | 16          | 70          | 79          | 208         | 291         | 184         | 85          | 24          | 12           | 5            | 6           |
| Mon 15 Jun 2026 | 1115         | 51.4            | 44.3         | 6.8                | 1            | 3           | 8           | 48          | 203         | 377         | 284         | 136         | 38          | 14           | 3            | 0           |
| Tue 16 Jun 2026 | 1250         | 52.5            | 44.7         | 7.4                | 0            | 1           | 25          | 53          | 219         | 367         | 341         | 156         | 54          | 29           | 5            | 0           |
| Wed 17 Jun 2026 | 1121         | 53.1            | 45.3         | 7.5                | 0            | 4           | 6           | 53          | 186         | 316         | 311         | 162         | 49          | 26           | 7            | 1           |
| Thu 18 Jun 2026 | 1116         | 51.9            | 44.0         | 7.6                | 1            | 10          | 22          | 50          | 195         | 371         | 266         | 137         | 44          | 18           | 1            | 1           |
| 5 Day Ave.      | 1218         | 52.0            | 44.3         | 7.5                | 1            | 9           | 19          | 53          | 214         | 390         | 311         | 150         | 46          | 22           | 3            | 0           |
| 7 Day Ave.      | 1162         | 52.1            | 43.8         | 7.9                | 1            | 11          | 30          | 57          | 211         | 364         | 283         | 137         | 44          | 20           | 4            | 1           |

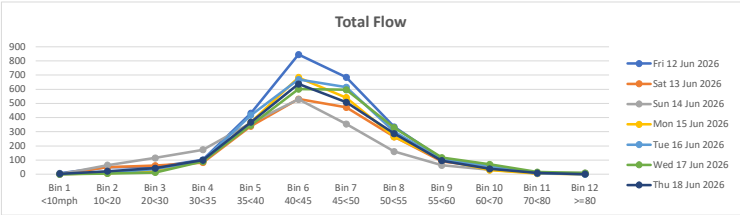
Paul Castle Associates



Direction: Total Flow

|                 | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| Fri 12 Jun 2026 | 2669         | 52.7            | 44.1         | 8.3                | 6            | 49          | 50          | 102         | 430         | 844         | 684         | 334         | 108         | 55           | 5            | 2           |
| Sat 13 Jun 2026 | 1948         | 53.5            | 44.0         | 9.2                | 0            | 49          | 61          | 83          | 339         | 530         | 472         | 265         | 92          | 48           | 5            | 4           |
| Sun 14 Jun 2026 | 1869         | 52.0            | 41.6         | 10.1               | 1            | 64          | 115         | 173         | 361         | 528         | 355         | 161         | 63          | 32           | 6            | 10          |
| Mon 15 Jun 2026 | 2112         | 51.9            | 44.6         | 7.1                | 1            | 6           | 21          | 93          | 367         | 683         | 541         | 264         | 101         | 30           | 4            | 1           |
| Tue 16 Jun 2026 | 2310         | 52.6            | 44.7         | 7.5                | 0            | 10          | 37          | 95          | 417         | 668         | 615         | 300         | 105         | 57           | 6            | 0           |
| Wed 17 Jun 2026 | 2192         | 54.3            | 45.9         | 8.0                | 0            | 5           | 13          | 90          | 346         | 601         | 596         | 329         | 117         | 70           | 17           | 8           |
| Thu 18 Jun 2026 | 2108         | 52.7            | 44.3         | 8.1                | 3            | 22          | 43          | 100         | 367         | 636         | 507         | 287         | 96          | 38           | 8            | 1           |
| 5 Day Ave.      | 2278         | 52.8            | 44.7         | 7.8                | 2            | 18          | 33          | 96          | 385         | 686         | 589         | 303         | 105         | 50           | 8            | 2           |
| 7 Day Ave.      | 2173         | 52.8            | 44.2         | 8.3                | 2            | 29          | 49          | 105         | 375         | 641         | 539         | 277         | 97          | 47           | 7            | 4           |

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## Barkway ATC, London Road

Direction: Northbound

|                 | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| Fri 12 Jun 2026 | 158          | 52.6            | 43.0         | 9.3                | 0            | 5           | 4           | 10          | 30          | 50          | 33          | 13          | 9           | 3            | 1            | 0           |
| Sat 13 Jun 2026 | 160          | 52.3            | 43.8         | 8.2                | 0            | 5           | 2           | 8           | 25          | 40          | 51          | 25          | 2           | 2            | 0            | 0           |
| Sun 14 Jun 2026 | 207          | 49.3            | 37.8         | 11.1               | 0            | 21          | 12          | 33          | 51          | 44          | 28          | 8           | 8           | 1            | 0            | 1           |
| Mon 15 Jun 2026 | 120          | 50.3            | 43.9         | 6.2                | 0            | 0           | 1           | 5           | 22          | 49          | 26          | 10          | 6           | 1            | 0            | 0           |
| Tue 16 Jun 2026 | 144          | 51.0            | 42.3         | 8.4                | 0            | 4           | 4           | 10          | 28          | 49          | 28          | 15          | 4           | 2            | 0            | 0           |
| Wed 17 Jun 2026 | 119          | 53.1            | 45.0         | 7.9                | 0            | 0           | 2           | 9           | 15          | 41          | 24          | 17          | 6           | 5            | 0            | 0           |
| Thu 18 Jun 2026 | 131          | 51.0            | 40.4         | 10.2               | 2            | 6           | 6           | 15          | 29          | 25          | 29          | 14          | 5           | 0            | 0            | 0           |
| 5 Day Ave.      | 134          | 51.6            | 42.9         | 8.4                | 0            | 3           | 3           | 10          | 25          | 43          | 28          | 14          | 6           | 2            | 0            | 0           |
| 7 Day Ave.      | 148          | 51.4            | 42.3         | 8.8                | 0            | 6           | 4           | 13          | 29          | 43          | 31          | 15          | 6           | 2            | 0            | 0           |

Paul Castle Associates

Direction: Southbound

|                 | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| Fri 12 Jun 2026 | 136          | 49.4            | 41.7         | 7.4                | 0            | 3           | 3           | 8           | 36          | 48          | 22          | 14          | 1           | 1            | 0            | 0           |
| Sat 13 Jun 2026 | 156          | 51.5            | 42.6         | 8.6                | 0            | 1           | 8           | 13          | 29          | 54          | 30          | 11          | 7           | 2            | 0            | 1           |
| Sun 14 Jun 2026 | 158          | 47.1            | 37.9         | 8.9                | 0            | 5           | 24          | 19          | 33          | 53          | 16          | 5           | 2           | 1            | 0            | 0           |
| Mon 15 Jun 2026 | 128          | 48.0            | 42.4         | 5.4                | 0            | 0           | 0           | 11          | 31          | 46          | 32          | 6           | 2           | 0            | 0            | 0           |
| Tue 16 Jun 2026 | 142          | 51.8            | 43.8         | 7.7                | 0            | 0           | 4           | 7           | 32          | 40          | 39          | 10          | 6           | 3            | 1            | 0           |
| Wed 17 Jun 2026 | 119          | 50.0            | 43.5         | 6.2                | 0            | 0           | 1           | 6           | 26          | 43          | 26          | 13          | 3           | 1            | 0            | 0           |
| Thu 18 Jun 2026 | 111          | 49.8            | 39.4         | 10.0               | 1            | 4           | 13          | 9           | 24          | 31          | 14          | 13          | 1           | 1            | 0            | 0           |
| 5 Day Ave.      | 127          | 49.8            | 42.2         | 7.4                | 0            | 1           | 4           | 8           | 30          | 42          | 27          | 11          | 3           | 1            | 0            | 0           |
| 7 Day Ave.      | 136          | 49.6            | 41.6         | 7.8                | 0            | 2           | 8           | 10          | 30          | 45          | 26          | 10          | 3           | 1            | 0            | 0           |

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Direction: Total Flow

|                 | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| Fri 12 Jun 2026 | 294          | 51.2            | 42.4         | 8.5                | 0            | 8           | 7           | 18          | 66          | 98          | 55          | 27          | 10          | 4            | 1            | 0           |
| Sat 13 Jun 2026 | 316          | 51.9            | 43.2         | 8.4                | 0            | 6           | 10          | 21          | 54          | 94          | 81          | 36          | 9           | 4            | 0            | 1           |
| Sun 14 Jun 2026 | 365          | 48.4            | 37.8         | 10.2               | 0            | 26          | 36          | 52          | 84          | 97          | 44          | 13          | 10          | 2            | 0            | 1           |
| Mon 15 Jun 2026 | 248          | 49.2            | 43.1         | 5.9                | 0            | 0           | 1           | 16          | 53          | 95          | 58          | 16          | 8           | 1            | 0            | 0           |
| Tue 16 Jun 2026 | 286          | 51.4            | 43.1         | 8.1                | 0            | 4           | 8           | 17          | 60          | 89          | 67          | 25          | 10          | 5            | 1            | 0           |
| Wed 17 Jun 2026 | 238          | 51.6            | 44.2         | 7.1                | 0            | 0           | 3           | 15          | 41          | 84          | 50          | 30          | 9           | 6            | 0            | 0           |
| Thu 18 Jun 2026 | 242          | 50.4            | 39.9         | 10.1               | 3            | 10          | 19          | 24          | 53          | 56          | 43          | 27          | 6           | 1            | 0            | 0           |
| 5 Day Ave.      | 262          | 50.8            | 42.5         | 7.9                | 1            | 4           | 8           | 18          | 55          | 84          | 55          | 25          | 9           | 3            | 0            | 0           |
| 7 Day Ave.      | 284          | 50.6            | 42.0         | 8.3                | 0            | 8           | 12          | 23          | 59          | 88          | 57          | 25          | 9           | 3            | 0            | 0           |

Paul Castle Associates

## Barkway ATC, London Road

Direction: Northbound

|                 | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1<br><10mph | Bin 2<br>10<20 | Bin 3<br>20<30 | Bin 4<br>30<35 | Bin 5<br>35<40 | Bin 6<br>40<45 | Bin 7<br>45<50 | Bin 8<br>50<55 | Bin 9<br>55<60 | Bin 10<br>60<70 | Bin 11<br>70<80 | Bin 12<br>>=80 |
|-----------------|--------------|-----------------|--------------|--------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|
| Fri 12 Jun 2026 | 173          | 53.3            | 43.1         | 9.8                | 0               | 10             | 6              | 2              | 25             | 50             | 53             | 14             | 10             | 3               | 0               | 0              |
| Sat 13 Jun 2026 | 124          | 55.6            | 43.1         | 12.0               | 0               | 13             | 1              | 4              | 17             | 28             | 25             | 26             | 5              | 5               | 0               | 0              |
| Sun 14 Jun 2026 | 106          | 55.3            | 44.3         | 10.6               | 0               | 4              | 2              | 4              | 20             | 29             | 24             | 10             | 7              | 5               | 0               | 1              |
| Mon 15 Jun 2026 | 141          | 49.3            | 42.4         | 6.7                | 0               | 2              | 4              | 8              | 25             | 50             | 42             | 10             | 0              | 0               | 0               | 0              |
| Tue 16 Jun 2026 | 112          | 52.8            | 45.2         | 7.4                | 0               | 1              | 0              | 1              | 22             | 35             | 33             | 10             | 7              | 2               | 1               | 0              |
| Wed 17 Jun 2026 | 150          | 53.4            | 45.2         | 7.9                | 0               | 0              | 2              | 8              | 31             | 34             | 41             | 19             | 10             | 4               | 1               | 0              |
| Thu 18 Jun 2026 | 119          | 52.4            | 44.1         | 8.0                | 0               | 1              | 2              | 3              | 30             | 39             | 22             | 7              | 12             | 3               | 0               | 0              |
| 5 Day Ave.      | 139          | 52.2            | 44.0         | 8.0                | 0               | 3              | 3              | 4              | 27             | 42             | 38             | 12             | 8              | 2               | 0               | 0              |
| 7 Day Ave.      | 132          | 53.1            | 43.9         | 8.9                | 0               | 4              | 2              | 4              | 24             | 38             | 34             | 14             | 7              | 3               | 0               | 0              |

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Direction: Southbound

|                 | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1<br><10mph | Bin 2<br>10<20 | Bin 3<br>20<30 | Bin 4<br>30<35 | Bin 5<br>35<40 | Bin 6<br>40<45 | Bin 7<br>45<50 | Bin 8<br>50<55 | Bin 9<br>55<60 | Bin 10<br>60<70 | Bin 11<br>70<80 | Bin 12<br>>=80 |
|-----------------|--------------|-----------------|--------------|--------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|
| Fri 12 Jun 2026 | 268          | 50.2            | 42.5         | 7.5                | 0               | 5              | 6              | 16             | 60             | 85             | 67             | 19             | 8              | 2               | 0               | 0              |
| Sat 13 Jun 2026 | 182          | 52.5            | 44.0         | 8.2                | 0               | 1              | 4              | 12             | 34             | 52             | 46             | 22             | 8              | 1               | 1               | 1              |
| Sun 14 Jun 2026 | 166          | 54.6            | 44.1         | 10.1               | 0               | 1              | 9              | 8              | 28             | 55             | 33             | 21             | 5              | 2               | 0               | 4              |
| Mon 15 Jun 2026 | 176          | 48.7            | 43.3         | 5.3                | 0               | 0              | 0              | 6              | 40             | 74             | 35             | 18             | 3              | 0               | 0               | 0              |
| Tue 16 Jun 2026 | 177          | 50.9            | 44.3         | 6.4                | 0               | 0              | 2              | 6              | 35             | 57             | 47             | 23             | 5              | 2               | 0               | 0              |
| Wed 17 Jun 2026 | 162          | 50.8            | 44.3         | 6.2                | 0               | 0              | 0              | 6              | 34             | 52             | 47             | 15             | 5              | 3               | 0               | 0              |
| Thu 18 Jun 2026 | 184          | 51.4            | 43.9         | 7.2                | 0               | 2              | 1              | 12             | 27             | 67             | 45             | 22             | 6              | 1               | 1               | 0              |
| 5 Day Ave.      | 193          | 50.4            | 43.7         | 6.5                | 0               | 1              | 2              | 9              | 39             | 67             | 48             | 19             | 5              | 2               | 0               | 0              |
| 7 Day Ave.      | 188          | 51.3            | 43.8         | 7.3                | 0               | 1              | 3              | 9              | 37             | 63             | 46             | 20             | 6              | 2               | 0               | 1              |

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Direction: Total Flow

|                 | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1<br><10mph | Bin 2<br>10<20 | Bin 3<br>20<30 | Bin 4<br>30<35 | Bin 5<br>35<40 | Bin 6<br>40<45 | Bin 7<br>45<50 | Bin 8<br>50<55 | Bin 9<br>55<60 | Bin 10<br>60<70 | Bin 11<br>70<80 | Bin 12<br>>=80 |
|-----------------|--------------|-----------------|--------------|--------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|
| Fri 12 Jun 2026 | 441          | 51.5            | 42.7         | 8.5                | 0               | 15             | 12             | 18             | 85             | 135            | 120            | 33             | 18             | 5               | 0               | 0              |
| Sat 13 Jun 2026 | 306          | 53.9            | 43.7         | 9.9                | 0               | 14             | 5              | 16             | 51             | 80             | 71             | 48             | 13             | 6               | 1               | 1              |
| Sun 14 Jun 2026 | 272          | 54.8            | 44.2         | 10.3               | 0               | 5              | 11             | 12             | 48             | 84             | 57             | 31             | 12             | 7               | 0               | 5              |
| Mon 15 Jun 2026 | 317          | 49.0            | 42.9         | 5.9                | 0               | 2              | 4              | 14             | 65             | 124            | 77             | 28             | 3              | 0               | 0               | 0              |
| Tue 16 Jun 2026 | 289          | 51.7            | 44.6         | 6.8                | 0               | 1              | 2              | 7              | 57             | 92             | 80             | 33             | 12             | 4               | 1               | 0              |
| Wed 17 Jun 2026 | 312          | 52.1            | 44.7         | 7.1                | 0               | 0              | 2              | 14             | 65             | 86             | 88             | 34             | 15             | 7               | 1               | 0              |
| Thu 18 Jun 2026 | 303          | 51.8            | 44.0         | 7.5                | 0               | 3              | 3              | 15             | 57             | 106            | 67             | 29             | 18             | 4               | 1               | 0              |
| 5 Day Ave.      | 332          | 51.2            | 43.8         | 7.2                | 0               | 4              | 5              | 14             | 66             | 109            | 86             | 31             | 13             | 4               | 1               | 0              |
| 7 Day Ave.      | 320          | 52.1            | 43.8         | 8.0                | 0               | 6              | 6              | 14             | 61             | 101            | 80             | 34             | 13             | 5               | 1               | 1              |

Paul Castle Associates

## Barkway ATC, London Road

Direction: Northbound

12/06/2026

| Hour Beginning | Total Volume        | LIGHT              | OGV1               | OGV2              | BUS               |
|----------------|---------------------|--------------------|--------------------|-------------------|-------------------|
| 00:00          | 5                   | 4                  | 1                  | 0                 | 0                 |
| 01:00          | 1                   | 1                  | 0                  | 0                 | 0                 |
| 02:00          | 2                   | 1                  | 1                  | 0                 | 0                 |
| 03:00          | 2                   | 1                  | 1                  | 0                 | 0                 |
| 04:00          | 1                   | 1                  | 0                  | 0                 | 0                 |
| 05:00          | 8                   | 6                  | 2                  | 0                 | 0                 |
| 06:00          | 32                  | 24                 | 8                  | 0                 | 0                 |
| 07:00          | 82                  | 58                 | 23                 | 0                 | 1                 |
| 08:00          | 80                  | 55                 | 25                 | 0                 | 0                 |
| 09:00          | 78                  | 61                 | 15                 | 0                 | 2                 |
| 10:00          | 73                  | 57                 | 15                 | 1                 | 0                 |
| 11:00          | 85                  | 58                 | 23                 | 1                 | 3                 |
| 12:00          | 95                  | 62                 | 29                 | 2                 | 2                 |
| 13:00          | 87                  | 66                 | 20                 | 0                 | 1                 |
| 14:00          | 71                  | 50                 | 19                 | 1                 | 1                 |
| 15:00          | 102                 | 75                 | 26                 | 0                 | 1                 |
| 16:00          | 99                  | 78                 | 18                 | 1                 | 2                 |
| 17:00          | 89                  | 73                 | 16                 | 0                 | 0                 |
| 18:00          | 59                  | 51                 | 8                  | 0                 | 0                 |
| 19:00          | 52                  | 40                 | 12                 | 0                 | 0                 |
| 20:00          | 25                  | 17                 | 7                  | 0                 | 1                 |
| 21:00          | 27                  | 21                 | 6                  | 0                 | 0                 |
| 22:00          | 20                  | 18                 | 2                  | 0                 | 0                 |
| 23:00          | 7                   | 6                  | 1                  | 0                 | 0                 |
| <b>Total</b>   |                     |                    |                    |                   |                   |
| 12H(7-19)      | 1000                | 744                | 237                | 6                 | 13                |
| 16H(6-22)      | 1136                | 846                | 270                | 6                 | 14                |
| 18H(6-24)      | 1163                | 870                | 273                | 6                 | 14                |
| 24H(0-24)      | 1182                | 884                | 278                | 6                 | 14                |
| <b>AM Peak</b> | 11:00<br><b>85</b>  | 09:00<br><b>61</b> | 08:00<br><b>25</b> | 10:00<br><b>1</b> | 11:00<br><b>3</b> |
| <b>PM Peak</b> | 15:00<br><b>102</b> | 16:00<br><b>78</b> | 12:00<br><b>29</b> | 12:00<br><b>2</b> | 12:00<br><b>2</b> |

Paul Castle Associates

Direction: Southbound

| Hour Beginning | Total Volume        | LIGHT               | OGV1               | OGV2              | BUS               |
|----------------|---------------------|---------------------|--------------------|-------------------|-------------------|
| 00:00          | 5                   | 5                   | 0                  | 0                 | 0                 |
| 01:00          | 3                   | 3                   | 0                  | 0                 | 0                 |
| 02:00          | 4                   | 2                   | 1                  | 1                 | 0                 |
| 03:00          | 2                   | 2                   | 0                  | 0                 | 0                 |
| 04:00          | 4                   | 4                   | 0                  | 0                 | 0                 |
| 05:00          | 5                   | 2                   | 3                  | 0                 | 0                 |
| 06:00          | 25                  | 20                  | 5                  | 0                 | 0                 |
| 07:00          | 81                  | 69                  | 10                 | 1                 | 1                 |
| 08:00          | 102                 | 89                  | 12                 | 1                 | 0                 |
| 09:00          | 61                  | 49                  | 12                 | 0                 | 0                 |
| 10:00          | 66                  | 49                  | 15                 | 2                 | 0                 |
| 11:00          | 70                  | 52                  | 17                 | 1                 | 0                 |
| 12:00          | 129                 | 107                 | 19                 | 1                 | 2                 |
| 13:00          | 137                 | 121                 | 14                 | 1                 | 1                 |
| 14:00          | 123                 | 108                 | 12                 | 2                 | 1                 |
| 15:00          | 145                 | 112                 | 33                 | 0                 | 0                 |
| 16:00          | 148                 | 133                 | 15                 | 0                 | 0                 |
| 17:00          | 134                 | 114                 | 18                 | 1                 | 1                 |
| 18:00          | 84                  | 80                  | 2                  | 1                 | 1                 |
| 19:00          | 54                  | 47                  | 7                  | 0                 | 0                 |
| 20:00          | 33                  | 27                  | 6                  | 0                 | 0                 |
| 21:00          | 31                  | 29                  | 2                  | 0                 | 0                 |
| 22:00          | 26                  | 22                  | 4                  | 0                 | 0                 |
| 23:00          | 15                  | 11                  | 4                  | 0                 | 0                 |
| <b>Total</b>   |                     |                     |                    |                   |                   |
| 12H(7-19)      | 1280                | 1083                | 179                | 11                | 7                 |
| 16H(6-22)      | 1423                | 1206                | 199                | 11                | 7                 |
| 18H(6-24)      | 1464                | 1239                | 207                | 11                | 7                 |
| 24H(0-24)      | 1487                | 1257                | 211                | 12                | 7                 |
| <b>AM Peak</b> | 08:00<br><b>102</b> | 08:00<br><b>89</b>  | 11:00<br><b>17</b> | 10:00<br><b>2</b> | 07:00<br><b>1</b> |
| <b>PM Peak</b> | 16:00<br><b>148</b> | 16:00<br><b>133</b> | 15:00<br><b>33</b> | 14:00<br><b>2</b> | 12:00<br><b>2</b> |

Paul Castle Associates

Direction: Total Flow

| Hour Beginning | Total Volume        | LIGHT               | OGV1               | OGV2              | BUS               |
|----------------|---------------------|---------------------|--------------------|-------------------|-------------------|
| 00:00          | 10                  | 9                   | 1                  | 0                 | 0                 |
| 01:00          | 4                   | 4                   | 0                  | 0                 | 0                 |
| 02:00          | 6                   | 3                   | 2                  | 1                 | 0                 |
| 03:00          | 4                   | 3                   | 1                  | 0                 | 0                 |
| 04:00          | 5                   | 5                   | 0                  | 0                 | 0                 |
| 05:00          | 13                  | 8                   | 5                  | 0                 | 0                 |
| 06:00          | 57                  | 44                  | 13                 | 0                 | 0                 |
| 07:00          | 163                 | 127                 | 33                 | 1                 | 2                 |
| 08:00          | 182                 | 144                 | 37                 | 1                 | 0                 |
| 09:00          | 139                 | 110                 | 27                 | 0                 | 2                 |
| 10:00          | 139                 | 106                 | 30                 | 3                 | 0                 |
| 11:00          | 155                 | 110                 | 40                 | 2                 | 3                 |
| 12:00          | 224                 | 169                 | 48                 | 3                 | 4                 |
| 13:00          | 224                 | 187                 | 34                 | 1                 | 2                 |
| 14:00          | 194                 | 158                 | 31                 | 3                 | 2                 |
| 15:00          | 247                 | 187                 | 59                 | 0                 | 1                 |
| 16:00          | 247                 | 211                 | 33                 | 1                 | 2                 |
| 17:00          | 223                 | 187                 | 34                 | 1                 | 1                 |
| 18:00          | 143                 | 131                 | 10                 | 1                 | 1                 |
| 19:00          | 106                 | 87                  | 19                 | 0                 | 0                 |
| 20:00          | 58                  | 44                  | 13                 | 0                 | 1                 |
| 21:00          | 58                  | 50                  | 8                  | 0                 | 0                 |
| 22:00          | 46                  | 40                  | 6                  | 0                 | 0                 |
| 23:00          | 22                  | 17                  | 5                  | 0                 | 0                 |
| <b>Total</b>   |                     |                     |                    |                   |                   |
| 12H(7-19)      | 2280                | 1827                | 416                | 17                | 20                |
| 16H(6-22)      | 2559                | 2052                | 469                | 17                | 21                |
| 18H(6-24)      | 2627                | 2109                | 480                | 17                | 21                |
| 24H(0-24)      | 2669                | 2141                | 489                | 18                | 21                |
| <b>AM Peak</b> | 08:00<br><b>182</b> | 08:00<br><b>144</b> | 11:00<br><b>40</b> | 10:00<br><b>3</b> | 11:00<br><b>3</b> |
| <b>PM Peak</b> | 15:00<br><b>247</b> | 16:00<br><b>211</b> | 15:00<br><b>59</b> | 12:00<br><b>3</b> | 12:00<br><b>4</b> |

Paul Castle Associates

Barkway ATC, London Road

Direction: Northbound

Direction: Southbound

Direction: Total Flow

13/06/2026

| Hour Beginning | Total Volume | LIGHT       | OGV1        | OGV2       | BUS        |
|----------------|--------------|-------------|-------------|------------|------------|
| 00:00          | 7            | 7           | 0           | 0          | 0          |
| 01:00          | 3            | 3           | 0           | 0          | 0          |
| 02:00          | 0            | 0           | 0           | 0          | 0          |
| 03:00          | 0            | 0           | 0           | 0          | 0          |
| 04:00          | 0            | 0           | 0           | 0          | 0          |
| 05:00          | 7            | 7           | 0           | 0          | 0          |
| 06:00          | 19           | 14          | 5           | 0          | 0          |
| 07:00          | 38           | 24          | 14          | 0          | 0          |
| 08:00          | 59           | 48          | 11          | 0          | 0          |
| 09:00          | 69           | 49          | 20          | 0          | 0          |
| 10:00          | 74           | 59          | 15          | 0          | 0          |
| 11:00          | 86           | 76          | 9           | 1          | 0          |
| 12:00          | 86           | 72          | 13          | 0          | 1          |
| 13:00          | 83           | 60          | 23          | 0          | 0          |
| 14:00          | 69           | 54          | 15          | 0          | 0          |
| 15:00          | 55           | 51          | 4           | 0          | 0          |
| 16:00          | 51           | 45          | 6           | 0          | 0          |
| 17:00          | 38           | 28          | 9           | 1          | 0          |
| 18:00          | 49           | 39          | 9           | 0          | 1          |
| 19:00          | 33           | 28          | 5           | 0          | 0          |
| 20:00          | 20           | 17          | 3           | 0          | 0          |
| 21:00          | 21           | 18          | 3           | 0          | 0          |
| 22:00          | 10           | 9           | 1           | 0          | 0          |
| 23:00          | 8            | 6           | 2           | 0          | 0          |
| Total          |              |             |             |            |            |
| 12H(7-19)      | 757          | 605         | 148         | 2          | 2          |
| 16H(6-22)      | 850          | 682         | 164         | 2          | 2          |
| 18H(6-24)      | 868          | 697         | 167         | 2          | 2          |
| 24H(0-24)      | 885          | 714         | 167         | 2          | 2          |
| AM Peak        | 11:00<br>86  | 11:00<br>76 | 09:00<br>20 | 11:00<br>1 | 00:00<br>0 |
| PM Peak        | 12:00<br>86  | 12:00<br>72 | 13:00<br>23 | 17:00<br>1 | 12:00<br>1 |

Paul Castle Associates

| Hour Beginning | Total Volume | LIGHT       | OGV1        | OGV2       | BUS        |
|----------------|--------------|-------------|-------------|------------|------------|
| 00:00          | 14           | 11          | 3           | 0          | 0          |
| 01:00          | 4            | 4           | 0           | 0          | 0          |
| 02:00          | 3            | 0           | 2           | 1          | 0          |
| 03:00          | 1            | 1           | 0           | 0          | 0          |
| 04:00          | 0            | 0           | 0           | 0          | 0          |
| 05:00          | 2            | 0           | 2           | 0          | 0          |
| 06:00          | 10           | 8           | 2           | 0          | 0          |
| 07:00          | 26           | 22          | 4           | 0          | 0          |
| 08:00          | 56           | 53          | 3           | 0          | 0          |
| 09:00          | 79           | 70          | 8           | 0          | 1          |
| 10:00          | 67           | 62          | 5           | 0          | 0          |
| 11:00          | 89           | 82          | 6           | 0          | 1          |
| 12:00          | 91           | 86          | 4           | 0          | 1          |
| 13:00          | 101          | 90          | 10          | 1          | 0          |
| 14:00          | 101          | 88          | 13          | 0          | 0          |
| 15:00          | 81           | 74          | 6           | 0          | 1          |
| 16:00          | 58           | 51          | 7           | 0          | 0          |
| 17:00          | 79           | 69          | 9           | 1          | 0          |
| 18:00          | 60           | 53          | 7           | 0          | 0          |
| 19:00          | 50           | 46          | 4           | 0          | 0          |
| 20:00          | 28           | 26          | 2           | 0          | 0          |
| 21:00          | 11           | 11          | 0           | 0          | 0          |
| 22:00          | 22           | 19          | 3           | 0          | 0          |
| 23:00          | 30           | 25          | 5           | 0          | 0          |
| Total          |              |             |             |            |            |
| 12H(7-19)      | 888          | 800         | 82          | 2          | 4          |
| 16H(6-22)      | 987          | 891         | 90          | 2          | 4          |
| 18H(6-24)      | 1039         | 935         | 98          | 2          | 4          |
| 24H(0-24)      | 1063         | 951         | 105         | 3          | 4          |
| AM Peak        | 11:00<br>89  | 11:00<br>82 | 09:00<br>8  | 02:00<br>1 | 09:00<br>1 |
| PM Peak        | 13:00<br>101 | 13:00<br>90 | 14:00<br>13 | 13:00<br>1 | 12:00<br>1 |

Paul Castle Associates

| Hour Beginning | Total Volume | LIGHT        | OGV1        | OGV2       | BUS        |
|----------------|--------------|--------------|-------------|------------|------------|
| 00:00          | 21           | 18           | 3           | 0          | 0          |
| 01:00          | 7            | 7            | 0           | 0          | 0          |
| 02:00          | 3            | 0            | 2           | 1          | 0          |
| 03:00          | 1            | 1            | 0           | 0          | 0          |
| 04:00          | 0            | 0            | 0           | 0          | 0          |
| 05:00          | 9            | 7            | 2           | 0          | 0          |
| 06:00          | 29           | 22           | 7           | 0          | 0          |
| 07:00          | 64           | 46           | 18          | 0          | 0          |
| 08:00          | 115          | 101          | 14          | 0          | 0          |
| 09:00          | 148          | 119          | 28          | 0          | 1          |
| 10:00          | 141          | 121          | 20          | 0          | 0          |
| 11:00          | 175          | 158          | 15          | 1          | 1          |
| 12:00          | 177          | 158          | 17          | 0          | 2          |
| 13:00          | 184          | 150          | 33          | 1          | 0          |
| 14:00          | 170          | 142          | 28          | 0          | 0          |
| 15:00          | 136          | 125          | 10          | 0          | 1          |
| 16:00          | 109          | 96           | 13          | 0          | 0          |
| 17:00          | 117          | 97           | 18          | 2          | 0          |
| 18:00          | 109          | 92           | 16          | 0          | 1          |
| 19:00          | 83           | 74           | 9           | 0          | 0          |
| 20:00          | 48           | 43           | 5           | 0          | 0          |
| 21:00          | 32           | 29           | 3           | 0          | 0          |
| 22:00          | 32           | 28           | 4           | 0          | 0          |
| 23:00          | 38           | 31           | 7           | 0          | 0          |
| Total          |              |              |             |            |            |
| 12H(7-19)      | 1645         | 1405         | 230         | 4          | 6          |
| 16H(6-22)      | 1837         | 1573         | 254         | 4          | 6          |
| 18H(6-24)      | 1907         | 1632         | 265         | 4          | 6          |
| 24H(0-24)      | 1948         | 1665         | 272         | 5          | 6          |
| AM Peak        | 11:00<br>175 | 11:00<br>158 | 09:00<br>28 | 02:00<br>1 | 09:00<br>1 |
| PM Peak        | 13:00<br>184 | 12:00<br>158 | 13:00<br>33 | 17:00<br>2 | 12:00<br>2 |

Paul Castle Associates

# Barkway ATC, London Road

Direction: Northbound

14/06/2026

| Hour Beginning | Total Volume | LIGHT       | OGV1        | OGV2       | BUS        |
|----------------|--------------|-------------|-------------|------------|------------|
| 00:00          | 12           | 7           | 5           | 0          | 0          |
| 01:00          | 13           | 11          | 2           | 0          | 0          |
| 02:00          | 12           | 12          | 0           | 0          | 0          |
| 03:00          | 6            | 6           | 0           | 0          | 0          |
| 04:00          | 7            | 7           | 0           | 0          | 0          |
| 05:00          | 5            | 5           | 0           | 0          | 0          |
| 06:00          | 22           | 16          | 6           | 0          | 0          |
| 07:00          | 50           | 40          | 10          | 0          | 0          |
| 08:00          | 52           | 39          | 13          | 0          | 0          |
| 09:00          | 75           | 66          | 9           | 0          | 0          |
| 10:00          | 100          | 80          | 19          | 1          | 0          |
| 11:00          | 107          | 90          | 16          | 1          | 0          |
| 12:00          | 80           | 70          | 9           | 0          | 1          |
| 13:00          | 73           | 55          | 18          | 0          | 0          |
| 14:00          | 60           | 54          | 6           | 0          | 0          |
| 15:00          | 46           | 41          | 4           | 1          | 0          |
| 16:00          | 34           | 27          | 7           | 0          | 0          |
| 17:00          | 36           | 31          | 5           | 0          | 0          |
| 18:00          | 28           | 23          | 5           | 0          | 0          |
| 19:00          | 31           | 27          | 4           | 0          | 0          |
| 20:00          | 18           | 15          | 3           | 0          | 0          |
| 21:00          | 13           | 9           | 4           | 0          | 0          |
| 22:00          | 6            | 6           | 0           | 0          | 0          |
| 23:00          | 2            | 2           | 0           | 0          | 0          |
| Total          |              |             |             |            |            |
| 12H(7-19)      | 741          | 616         | 121         | 3          | 1          |
| 16H(6-22)      | 825          | 683         | 138         | 3          | 1          |
| 18H(6-24)      | 833          | 691         | 138         | 3          | 1          |
| 24H(0-24)      | 888          | 739         | 145         | 3          | 1          |
| AM Peak        | 11:00<br>107 | 11:00<br>90 | 10:00<br>19 | 10:00<br>1 | 00:00<br>0 |
| PM Peak        | 12:00<br>80  | 12:00<br>70 | 13:00<br>18 | 15:00<br>1 | 12:00<br>1 |

Paul Castle Associates

Direction: Southbound

| Hour Beginning | Total Volume | LIGHT       | OGV1       | OGV2       | BUS        |
|----------------|--------------|-------------|------------|------------|------------|
| 00:00          | 25           | 24          | 1          | 0          | 0          |
| 01:00          | 16           | 13          | 3          | 0          | 0          |
| 02:00          | 11           | 11          | 0          | 0          | 0          |
| 03:00          | 2            | 2           | 0          | 0          | 0          |
| 04:00          | 2            | 1           | 1          | 0          | 0          |
| 05:00          | 7            | 6           | 1          | 0          | 0          |
| 06:00          | 12           | 12          | 0          | 0          | 0          |
| 07:00          | 35           | 32          | 3          | 0          | 0          |
| 08:00          | 37           | 30          | 7          | 0          | 0          |
| 09:00          | 65           | 57          | 8          | 0          | 0          |
| 10:00          | 81           | 72          | 9          | 0          | 0          |
| 11:00          | 77           | 71          | 4          | 2          | 0          |
| 12:00          | 88           | 81          | 7          | 0          | 0          |
| 13:00          | 69           | 65          | 4          | 0          | 0          |
| 14:00          | 84           | 77          | 7          | 0          | 0          |
| 15:00          | 82           | 78          | 4          | 0          | 0          |
| 16:00          | 70           | 65          | 5          | 0          | 0          |
| 17:00          | 71           | 64          | 7          | 0          | 0          |
| 18:00          | 52           | 45          | 7          | 0          | 0          |
| 19:00          | 39           | 35          | 4          | 0          | 0          |
| 20:00          | 29           | 28          | 1          | 0          | 0          |
| 21:00          | 17           | 16          | 1          | 0          | 0          |
| 22:00          | 7            | 7           | 0          | 0          | 0          |
| 23:00          | 3            | 3           | 0          | 0          | 0          |
| Total          |              |             |            |            |            |
| 12H(7-19)      | 811          | 737         | 72         | 2          | 0          |
| 16H(6-22)      | 908          | 828         | 78         | 2          | 0          |
| 18H(6-24)      | 918          | 838         | 78         | 2          | 0          |
| 24H(0-24)      | 981          | 895         | 84         | 2          | 0          |
| AM Peak        | 10:00<br>81  | 10:00<br>72 | 10:00<br>9 | 11:00<br>2 | 00:00<br>0 |
| PM Peak        | 12:00<br>88  | 12:00<br>81 | 12:00<br>7 | 12:00<br>0 | 12:00<br>0 |

Paul Castle Associates

Direction: Total Flow

| Hour Beginning | Total Volume | LIGHT        | OGV1        | OGV2       | BUS        |
|----------------|--------------|--------------|-------------|------------|------------|
| 00:00          | 37           | 31           | 6           | 0          | 0          |
| 01:00          | 29           | 24           | 5           | 0          | 0          |
| 02:00          | 23           | 23           | 0           | 0          | 0          |
| 03:00          | 8            | 8            | 0           | 0          | 0          |
| 04:00          | 9            | 8            | 1           | 0          | 0          |
| 05:00          | 12           | 11           | 1           | 0          | 0          |
| 06:00          | 34           | 28           | 6           | 0          | 0          |
| 07:00          | 85           | 72           | 13          | 0          | 0          |
| 08:00          | 89           | 69           | 20          | 0          | 0          |
| 09:00          | 140          | 123          | 17          | 0          | 0          |
| 10:00          | 181          | 152          | 28          | 1          | 0          |
| 11:00          | 184          | 161          | 20          | 3          | 0          |
| 12:00          | 168          | 151          | 16          | 0          | 1          |
| 13:00          | 142          | 120          | 22          | 0          | 0          |
| 14:00          | 144          | 131          | 13          | 0          | 0          |
| 15:00          | 128          | 119          | 8           | 1          | 0          |
| 16:00          | 104          | 92           | 12          | 0          | 0          |
| 17:00          | 107          | 95           | 12          | 0          | 0          |
| 18:00          | 80           | 68           | 12          | 0          | 0          |
| 19:00          | 70           | 62           | 8           | 0          | 0          |
| 20:00          | 47           | 43           | 4           | 0          | 0          |
| 21:00          | 30           | 25           | 5           | 0          | 0          |
| 22:00          | 13           | 13           | 0           | 0          | 0          |
| 23:00          | 5            | 5            | 0           | 0          | 0          |
| Total          |              |              |             |            |            |
| 12H(7-19)      | 1552         | 1353         | 193         | 5          | 1          |
| 16H(6-22)      | 1733         | 1511         | 216         | 5          | 1          |
| 18H(6-24)      | 1751         | 1529         | 216         | 5          | 1          |
| 24H(0-24)      | 1869         | 1634         | 229         | 5          | 1          |
| AM Peak        | 11:00<br>184 | 11:00<br>161 | 10:00<br>28 | 11:00<br>3 | 00:00<br>0 |
| PM Peak        | 12:00<br>168 | 12:00<br>151 | 13:00<br>22 | 15:00<br>1 | 12:00<br>1 |

Paul Castle Associates

Barkway ATC, London Road

Direction: Northbound

Direction: Southbound

Direction: Total Flow

15/06/2026

| Hour Beginning | Total Volume | LIGHT       | OGV1        | OGV2       | BUS        |
|----------------|--------------|-------------|-------------|------------|------------|
| 00:00          | 3            | 3           | 0           | 0          | 0          |
| 01:00          | 1            | 1           | 0           | 0          | 0          |
| 02:00          | 0            | 0           | 0           | 0          | 0          |
| 03:00          | 1            | 1           | 0           | 0          | 0          |
| 04:00          | 2            | 2           | 0           | 0          | 0          |
| 05:00          | 16           | 13          | 2           | 1          | 0          |
| 06:00          | 33           | 29          | 4           | 0          | 0          |
| 07:00          | 85           | 59          | 25          | 1          | 0          |
| 08:00          | 90           | 65          | 23          | 1          | 1          |
| 09:00          | 76           | 58          | 15          | 0          | 3          |
| 10:00          | 56           | 40          | 16          | 0          | 0          |
| 11:00          | 64           | 48          | 14          | 0          | 2          |
| 12:00          | 49           | 33          | 16          | 0          | 0          |
| 13:00          | 58           | 47          | 10          | 0          | 1          |
| 14:00          | 63           | 49          | 14          | 0          | 0          |
| 15:00          | 78           | 65          | 12          | 0          | 1          |
| 16:00          | 78           | 56          | 20          | 1          | 1          |
| 17:00          | 89           | 71          | 17          | 1          | 0          |
| 18:00          | 41           | 31          | 10          | 0          | 0          |
| 19:00          | 62           | 55          | 6           | 1          | 0          |
| 20:00          | 15           | 10          | 5           | 0          | 0          |
| 21:00          | 21           | 19          | 2           | 0          | 0          |
| 22:00          | 11           | 9           | 2           | 0          | 0          |
| 23:00          | 5            | 4           | 1           | 0          | 0          |
| Total          |              |             |             |            |            |
| 12H(7-19)      | 827          | 622         | 192         | 4          | 9          |
| 16H(6-22)      | 958          | 735         | 209         | 5          | 9          |
| 18H(6-24)      | 974          | 748         | 212         | 5          | 9          |
| 24H(0-24)      | 997          | 768         | 214         | 6          | 9          |
| AM Peak        | 08:00<br>90  | 08:00<br>65 | 07:00<br>25 | 05:00<br>1 | 09:00<br>3 |
| PM Peak        | 17:00<br>89  | 17:00<br>71 | 16:00<br>20 | 16:00<br>1 | 13:00<br>1 |

Paul Castle Associates

| Hour Beginning | Total Volume | LIGHT       | OGV1        | OGV2       | BUS        |
|----------------|--------------|-------------|-------------|------------|------------|
| 00:00          | 2            | 2           | 0           | 0          | 0          |
| 01:00          | 0            | 0           | 0           | 0          | 0          |
| 02:00          | 1            | 1           | 0           | 0          | 0          |
| 03:00          | 2            | 1           | 1           | 0          | 0          |
| 04:00          | 4            | 3           | 1           | 0          | 0          |
| 05:00          | 13           | 10          | 3           | 0          | 0          |
| 06:00          | 39           | 34          | 5           | 0          | 0          |
| 07:00          | 101          | 89          | 9           | 0          | 3          |
| 08:00          | 92           | 72          | 20          | 0          | 0          |
| 09:00          | 58           | 50          | 7           | 1          | 0          |
| 10:00          | 68           | 50          | 17          | 1          | 0          |
| 11:00          | 60           | 54          | 5           | 0          | 1          |
| 12:00          | 65           | 59          | 6           | 0          | 0          |
| 13:00          | 73           | 60          | 12          | 0          | 1          |
| 14:00          | 79           | 68          | 10          | 1          | 0          |
| 15:00          | 97           | 83          | 14          | 0          | 0          |
| 16:00          | 110          | 99          | 11          | 0          | 0          |
| 17:00          | 100          | 90          | 10          | 0          | 0          |
| 18:00          | 54           | 47          | 7           | 0          | 0          |
| 19:00          | 39           | 38          | 1           | 0          | 0          |
| 20:00          | 26           | 25          | 1           | 0          | 0          |
| 21:00          | 16           | 15          | 1           | 0          | 0          |
| 22:00          | 11           | 9           | 2           | 0          | 0          |
| 23:00          | 5            | 5           | 0           | 0          | 0          |
| Total          |              |             |             |            |            |
| 12H(7-19)      | 957          | 821         | 128         | 3          | 5          |
| 16H(6-22)      | 1077         | 933         | 136         | 3          | 5          |
| 18H(6-24)      | 1093         | 947         | 138         | 3          | 5          |
| 24H(0-24)      | 1115         | 964         | 143         | 3          | 5          |
| AM Peak        | 07:00<br>101 | 07:00<br>89 | 08:00<br>20 | 09:00<br>1 | 07:00<br>3 |
| PM Peak        | 16:00<br>110 | 16:00<br>99 | 15:00<br>14 | 14:00<br>1 | 13:00<br>1 |

Paul Castle Associates

| Hour Beginning | Total Volume | LIGHT        | OGV1        | OGV2       | BUS        |
|----------------|--------------|--------------|-------------|------------|------------|
| 00:00          | 5            | 5            | 0           | 0          | 0          |
| 01:00          | 1            | 1            | 0           | 0          | 0          |
| 02:00          | 1            | 1            | 0           | 0          | 0          |
| 03:00          | 3            | 2            | 1           | 0          | 0          |
| 04:00          | 6            | 5            | 1           | 0          | 0          |
| 05:00          | 29           | 23           | 5           | 1          | 0          |
| 06:00          | 72           | 63           | 9           | 0          | 0          |
| 07:00          | 186          | 148          | 34          | 1          | 3          |
| 08:00          | 182          | 137          | 43          | 1          | 1          |
| 09:00          | 134          | 108          | 22          | 1          | 3          |
| 10:00          | 124          | 90           | 33          | 1          | 0          |
| 11:00          | 124          | 102          | 19          | 0          | 3          |
| 12:00          | 114          | 92           | 22          | 0          | 0          |
| 13:00          | 131          | 107          | 22          | 0          | 2          |
| 14:00          | 142          | 117          | 24          | 1          | 0          |
| 15:00          | 175          | 148          | 26          | 0          | 1          |
| 16:00          | 188          | 155          | 31          | 1          | 1          |
| 17:00          | 189          | 161          | 27          | 1          | 0          |
| 18:00          | 95           | 78           | 17          | 0          | 0          |
| 19:00          | 101          | 93           | 7           | 1          | 0          |
| 20:00          | 41           | 35           | 6           | 0          | 0          |
| 21:00          | 37           | 34           | 3           | 0          | 0          |
| 22:00          | 22           | 18           | 4           | 0          | 0          |
| 23:00          | 10           | 9            | 1           | 0          | 0          |
| Total          |              |              |             |            |            |
| 12H(7-19)      | 1784         | 1443         | 320         | 7          | 14         |
| 16H(6-22)      | 2035         | 1668         | 345         | 8          | 14         |
| 18H(6-24)      | 2067         | 1695         | 350         | 8          | 14         |
| 24H(0-24)      | 2112         | 1732         | 357         | 9          | 14         |
| AM Peak        | 07:00<br>186 | 07:00<br>148 | 08:00<br>43 | 05:00<br>1 | 07:00<br>3 |
| PM Peak        | 17:00<br>189 | 17:00<br>161 | 16:00<br>31 | 14:00<br>1 | 13:00<br>2 |

Paul Castle Associates

Barkway ATC, London Road

Direction: Northbound

Direction: Southbound

Direction: Total Flow

16/06/2026

| Hour Beginning | Total Volume | LIGHT       | OGV1        | OGV2       | BUS        |
|----------------|--------------|-------------|-------------|------------|------------|
| 00:00          | 3            | 2           | 1           | 0          | 0          |
| 01:00          | 2            | 2           | 0           | 0          | 0          |
| 02:00          | 2            | 1           | 1           | 0          | 0          |
| 03:00          | 2            | 2           | 0           | 0          | 0          |
| 04:00          | 1            | 0           | 1           | 0          | 0          |
| 05:00          | 10           | 8           | 2           | 0          | 0          |
| 06:00          | 37           | 24          | 13          | 0          | 0          |
| 07:00          | 78           | 54          | 24          | 0          | 0          |
| 08:00          | 107          | 82          | 23          | 1          | 1          |
| 09:00          | 115          | 93          | 20          | 2          | 0          |
| 10:00          | 66           | 49          | 14          | 1          | 2          |
| 11:00          | 78           | 57          | 19          | 0          | 2          |
| 12:00          | 65           | 50          | 13          | 2          | 0          |
| 13:00          | 55           | 40          | 15          | 0          | 0          |
| 14:00          | 46           | 36          | 8           | 1          | 1          |
| 15:00          | 66           | 48          | 18          | 0          | 0          |
| 16:00          | 98           | 74          | 22          | 0          | 2          |
| 17:00          | 95           | 72          | 22          | 0          | 1          |
| 18:00          | 55           | 44          | 11          | 0          | 0          |
| 19:00          | 34           | 28          | 6           | 0          | 0          |
| 20:00          | 19           | 18          | 1           | 0          | 0          |
| 21:00          | 15           | 11          | 4           | 0          | 0          |
| 22:00          | 4            | 3           | 0           | 1          | 0          |
| 23:00          | 7            | 7           | 0           | 0          | 0          |
| Total          |              |             |             |            |            |
| 12H(7-19)      | 924          | 699         | 209         | 7          | 9          |
| 16H(6-22)      | 1029         | 780         | 233         | 7          | 9          |
| 18H(6-24)      | 1040         | 790         | 233         | 8          | 9          |
| 24H(0-24)      | 1060         | 805         | 238         | 8          | 9          |
| AM Peak        | 09:00<br>115 | 09:00<br>93 | 07:00<br>24 | 09:00<br>2 | 10:00<br>2 |
| PM Peak        | 16:00<br>98  | 16:00<br>74 | 16:00<br>22 | 12:00<br>2 | 16:00<br>2 |

Paul Castle Associates

| Hour Beginning | Total Volume | LIGHT        | OGV1        | OGV2       | BUS        |
|----------------|--------------|--------------|-------------|------------|------------|
| 00:00          | 3            | 3            | 0           | 0          | 0          |
| 01:00          | 1            | 0            | 1           | 0          | 0          |
| 02:00          | 0            | 0            | 0           | 0          | 0          |
| 03:00          | 2            | 2            | 0           | 0          | 0          |
| 04:00          | 7            | 5            | 2           | 0          | 0          |
| 05:00          | 10           | 8            | 2           | 0          | 0          |
| 06:00          | 34           | 27           | 7           | 0          | 0          |
| 07:00          | 107          | 88           | 16          | 1          | 2          |
| 08:00          | 126          | 106          | 16          | 3          | 1          |
| 09:00          | 54           | 44           | 10          | 0          | 0          |
| 10:00          | 68           | 60           | 8           | 0          | 0          |
| 11:00          | 74           | 66           | 6           | 1          | 1          |
| 12:00          | 61           | 50           | 9           | 1          | 1          |
| 13:00          | 87           | 76           | 10          | 0          | 1          |
| 14:00          | 89           | 75           | 14          | 0          | 0          |
| 15:00          | 88           | 77           | 9           | 1          | 1          |
| 16:00          | 133          | 112          | 20          | 1          | 0          |
| 17:00          | 134          | 121          | 12          | 1          | 0          |
| 18:00          | 71           | 67           | 4           | 0          | 0          |
| 19:00          | 35           | 31           | 4           | 0          | 0          |
| 20:00          | 28           | 25           | 3           | 0          | 0          |
| 21:00          | 16           | 14           | 1           | 1          | 0          |
| 22:00          | 12           | 12           | 0           | 0          | 0          |
| 23:00          | 10           | 9            | 1           | 0          | 0          |
| Total          |              |              |             |            |            |
| 12H(7-19)      | 1092         | 942          | 134         | 9          | 7          |
| 16H(6-22)      | 1205         | 1039         | 149         | 10         | 7          |
| 18H(6-24)      | 1227         | 1060         | 150         | 10         | 7          |
| 24H(0-24)      | 1250         | 1078         | 155         | 10         | 7          |
| AM Peak        | 08:00<br>126 | 08:00<br>106 | 07:00<br>16 | 08:00<br>3 | 07:00<br>2 |
| PM Peak        | 17:00<br>134 | 17:00<br>121 | 16:00<br>20 | 12:00<br>1 | 12:00<br>1 |

Paul Castle Associates

| Hour Beginning | Total Volume | LIGHT        | OGV1        | OGV2       | BUS        |
|----------------|--------------|--------------|-------------|------------|------------|
| 00:00          | 6            | 5            | 1           | 0          | 0          |
| 01:00          | 3            | 2            | 1           | 0          | 0          |
| 02:00          | 2            | 1            | 1           | 0          | 0          |
| 03:00          | 4            | 4            | 0           | 0          | 0          |
| 04:00          | 8            | 5            | 3           | 0          | 0          |
| 05:00          | 20           | 16           | 4           | 0          | 0          |
| 06:00          | 71           | 51           | 20          | 0          | 0          |
| 07:00          | 185          | 142          | 40          | 1          | 2          |
| 08:00          | 233          | 188          | 39          | 4          | 2          |
| 09:00          | 169          | 137          | 30          | 2          | 0          |
| 10:00          | 134          | 109          | 22          | 1          | 2          |
| 11:00          | 152          | 123          | 25          | 1          | 3          |
| 12:00          | 126          | 100          | 22          | 3          | 1          |
| 13:00          | 142          | 116          | 25          | 0          | 1          |
| 14:00          | 135          | 111          | 22          | 1          | 1          |
| 15:00          | 154          | 125          | 27          | 1          | 1          |
| 16:00          | 231          | 186          | 42          | 1          | 2          |
| 17:00          | 229          | 193          | 34          | 1          | 1          |
| 18:00          | 126          | 111          | 15          | 0          | 0          |
| 19:00          | 69           | 59           | 10          | 0          | 0          |
| 20:00          | 47           | 43           | 4           | 0          | 0          |
| 21:00          | 31           | 25           | 5           | 1          | 0          |
| 22:00          | 16           | 15           | 0           | 1          | 0          |
| 23:00          | 17           | 16           | 1           | 0          | 0          |
| Total          |              |              |             |            |            |
| 12H(7-19)      | 2016         | 1641         | 343         | 16         | 16         |
| 16H(6-22)      | 2234         | 1819         | 382         | 17         | 16         |
| 18H(6-24)      | 2267         | 1850         | 383         | 18         | 16         |
| 24H(0-24)      | 2310         | 1883         | 393         | 18         | 16         |
| AM Peak        | 08:00<br>233 | 08:00<br>188 | 07:00<br>40 | 08:00<br>4 | 11:00<br>3 |
| PM Peak        | 16:00<br>231 | 17:00<br>193 | 16:00<br>42 | 12:00<br>3 | 16:00<br>2 |

Paul Castle Associates

# Barkway ATC, London Road

Direction: Northbound

17/06/2026

| Hour Beginning | Total Volume        | LIGHT              | OGV1               | OGV2              | BUS               |
|----------------|---------------------|--------------------|--------------------|-------------------|-------------------|
| 00:00          | 3                   | 3                  | 0                  | 0                 | 0                 |
| 01:00          | 0                   | 0                  | 0                  | 0                 | 0                 |
| 02:00          | 0                   | 0                  | 0                  | 0                 | 0                 |
| 03:00          | 2                   | 0                  | 2                  | 0                 | 0                 |
| 04:00          | 2                   | 2                  | 0                  | 0                 | 0                 |
| 05:00          | 11                  | 9                  | 1                  | 1                 | 0                 |
| 06:00          | 36                  | 32                 | 4                  | 0                 | 0                 |
| 07:00          | 73                  | 50                 | 23                 | 0                 | 0                 |
| 08:00          | 103                 | 77                 | 24                 | 0                 | 2                 |
| 09:00          | 67                  | 49                 | 18                 | 0                 | 0                 |
| 10:00          | 56                  | 41                 | 13                 | 1                 | 1                 |
| 11:00          | 63                  | 49                 | 14                 | 0                 | 0                 |
| 12:00          | 66                  | 48                 | 16                 | 1                 | 1                 |
| 13:00          | 55                  | 45                 | 9                  | 0                 | 1                 |
| 14:00          | 58                  | 46                 | 12                 | 0                 | 0                 |
| 15:00          | 92                  | 72                 | 18                 | 0                 | 2                 |
| 16:00          | 77                  | 62                 | 13                 | 0                 | 2                 |
| 17:00          | 117                 | 94                 | 23                 | 0                 | 0                 |
| 18:00          | 81                  | 68                 | 10                 | 3                 | 0                 |
| 19:00          | 42                  | 36                 | 6                  | 0                 | 0                 |
| 20:00          | 26                  | 19                 | 7                  | 0                 | 0                 |
| 21:00          | 15                  | 13                 | 2                  | 0                 | 0                 |
| 22:00          | 9                   | 9                  | 0                  | 0                 | 0                 |
| 23:00          | 17                  | 17                 | 0                  | 0                 | 0                 |
| <b>Total</b>   |                     |                    |                    |                   |                   |
| 12H(7-19)      | 908                 | 701                | 193                | 5                 | 9                 |
| 16H(6-22)      | 1027                | 801                | 212                | 5                 | 9                 |
| 18H(6-24)      | 1053                | 827                | 212                | 5                 | 9                 |
| 24H(0-24)      | 1071                | 841                | 215                | 6                 | 9                 |
| <b>AM Peak</b> | 08:00<br><b>103</b> | 08:00<br><b>77</b> | 08:00<br><b>24</b> | 05:00<br><b>1</b> | 08:00<br><b>2</b> |
| <b>PM Peak</b> | 17:00<br><b>117</b> | 17:00<br><b>94</b> | 17:00<br><b>23</b> | 18:00<br><b>3</b> | 15:00<br><b>2</b> |

Paul Castle Associates

Direction: Southbound

| Hour Beginning | Total Volume        | LIGHT              | OGV1               | OGV2              | BUS               |
|----------------|---------------------|--------------------|--------------------|-------------------|-------------------|
| 00:00          | 3                   | 2                  | 1                  | 0                 | 0                 |
| 01:00          | 0                   | 0                  | 0                  | 0                 | 0                 |
| 02:00          | 0                   | 0                  | 0                  | 0                 | 0                 |
| 03:00          | 0                   | 0                  | 0                  | 0                 | 0                 |
| 04:00          | 5                   | 3                  | 2                  | 0                 | 0                 |
| 05:00          | 11                  | 8                  | 2                  | 1                 | 0                 |
| 06:00          | 38                  | 28                 | 9                  | 0                 | 1                 |
| 07:00          | 91                  | 77                 | 13                 | 1                 | 0                 |
| 08:00          | 111                 | 97                 | 12                 | 1                 | 1                 |
| 09:00          | 48                  | 38                 | 10                 | 0                 | 0                 |
| 10:00          | 59                  | 44                 | 14                 | 0                 | 1                 |
| 11:00          | 60                  | 45                 | 15                 | 0                 | 0                 |
| 12:00          | 66                  | 52                 | 14                 | 0                 | 0                 |
| 13:00          | 60                  | 51                 | 8                  | 0                 | 1                 |
| 14:00          | 65                  | 57                 | 8                  | 0                 | 0                 |
| 15:00          | 97                  | 83                 | 13                 | 0                 | 1                 |
| 16:00          | 90                  | 82                 | 7                  | 0                 | 1                 |
| 17:00          | 95                  | 83                 | 12                 | 0                 | 0                 |
| 18:00          | 66                  | 62                 | 4                  | 0                 | 0                 |
| 19:00          | 59                  | 50                 | 9                  | 0                 | 0                 |
| 20:00          | 45                  | 43                 | 2                  | 0                 | 0                 |
| 21:00          | 21                  | 18                 | 2                  | 1                 | 0                 |
| 22:00          | 14                  | 13                 | 1                  | 0                 | 0                 |
| 23:00          | 17                  | 15                 | 2                  | 0                 | 0                 |
| <b>Total</b>   |                     |                    |                    |                   |                   |
| 12H(7-19)      | 908                 | 771                | 130                | 2                 | 5                 |
| 16H(6-22)      | 1071                | 910                | 152                | 3                 | 6                 |
| 18H(6-24)      | 1102                | 938                | 155                | 3                 | 6                 |
| 24H(0-24)      | 1121                | 951                | 160                | 4                 | 6                 |
| <b>AM Peak</b> | 08:00<br><b>111</b> | 08:00<br><b>97</b> | 11:00<br><b>15</b> | 05:00<br><b>1</b> | 06:00<br><b>1</b> |
| <b>PM Peak</b> | 15:00<br><b>97</b>  | 15:00<br><b>83</b> | 12:00<br><b>14</b> | 21:00<br><b>1</b> | 13:00<br><b>1</b> |

Paul Castle Associates

Direction: Total Flow

| Hour Beginning | Total Volume        | LIGHT               | OGV1               | OGV2              | BUS               |
|----------------|---------------------|---------------------|--------------------|-------------------|-------------------|
| 00:00          | 6                   | 5                   | 1                  | 0                 | 0                 |
| 01:00          | 0                   | 0                   | 0                  | 0                 | 0                 |
| 02:00          | 0                   | 0                   | 0                  | 0                 | 0                 |
| 03:00          | 2                   | 0                   | 2                  | 0                 | 0                 |
| 04:00          | 7                   | 5                   | 2                  | 0                 | 0                 |
| 05:00          | 22                  | 17                  | 3                  | 2                 | 0                 |
| 06:00          | 74                  | 60                  | 13                 | 0                 | 1                 |
| 07:00          | 164                 | 127                 | 36                 | 1                 | 0                 |
| 08:00          | 214                 | 174                 | 36                 | 1                 | 3                 |
| 09:00          | 115                 | 87                  | 28                 | 0                 | 0                 |
| 10:00          | 115                 | 85                  | 27                 | 1                 | 2                 |
| 11:00          | 123                 | 94                  | 29                 | 0                 | 0                 |
| 12:00          | 132                 | 100                 | 30                 | 1                 | 1                 |
| 13:00          | 115                 | 96                  | 17                 | 0                 | 2                 |
| 14:00          | 123                 | 103                 | 20                 | 0                 | 0                 |
| 15:00          | 189                 | 155                 | 31                 | 0                 | 3                 |
| 16:00          | 167                 | 144                 | 20                 | 0                 | 3                 |
| 17:00          | 212                 | 177                 | 35                 | 0                 | 0                 |
| 18:00          | 147                 | 130                 | 14                 | 3                 | 0                 |
| 19:00          | 101                 | 86                  | 15                 | 0                 | 0                 |
| 20:00          | 71                  | 62                  | 9                  | 0                 | 0                 |
| 21:00          | 36                  | 31                  | 4                  | 1                 | 0                 |
| 22:00          | 23                  | 22                  | 1                  | 0                 | 0                 |
| 23:00          | 34                  | 32                  | 2                  | 0                 | 0                 |
| <b>Total</b>   |                     |                     |                    |                   |                   |
| 12H(7-19)      | 1816                | 1472                | 323                | 7                 | 14                |
| 16H(6-22)      | 2098                | 1711                | 364                | 8                 | 15                |
| 18H(6-24)      | 2155                | 1765                | 367                | 8                 | 15                |
| 24H(0-24)      | 2192                | 1792                | 375                | 10                | 15                |
| <b>AM Peak</b> | 08:00<br><b>214</b> | 08:00<br><b>174</b> | 07:00<br><b>36</b> | 05:00<br><b>2</b> | 08:00<br><b>3</b> |
| <b>PM Peak</b> | 17:00<br><b>212</b> | 17:00<br><b>177</b> | 17:00<br><b>35</b> | 18:00<br><b>3</b> | 15:00<br><b>3</b> |

Paul Castle Associates

Barkway ATC, London Road

Direction: Northbound

Direction: Southbound

Direction: Total Flow

18/06/2026

| Hour Beginning | Total Volume | LIGHT       | OGV1        | OGV2       | BUS        |
|----------------|--------------|-------------|-------------|------------|------------|
| 00:00          | 5            | 5           | 0           | 0          | 0          |
| 01:00          | 3            | 2           | 1           | 0          | 0          |
| 02:00          | 1            | 1           | 0           | 0          | 0          |
| 03:00          | 0            | 0           | 0           | 0          | 0          |
| 04:00          | 1            | 1           | 0           | 0          | 0          |
| 05:00          | 9            | 6           | 3           | 0          | 0          |
| 06:00          | 36           | 26          | 10          | 0          | 0          |
| 07:00          | 68           | 49          | 17          | 1          | 1          |
| 08:00          | 92           | 71          | 19          | 1          | 1          |
| 09:00          | 78           | 68          | 10          | 0          | 0          |
| 10:00          | 72           | 54          | 15          | 2          | 1          |
| 11:00          | 59           | 40          | 17          | 2          | 0          |
| 12:00          | 61           | 52          | 9           | 0          | 0          |
| 13:00          | 65           | 48          | 16          | 1          | 0          |
| 14:00          | 47           | 35          | 12          | 0          | 0          |
| 15:00          | 72           | 60          | 11          | 1          | 0          |
| 16:00          | 80           | 60          | 19          | 0          | 1          |
| 17:00          | 81           | 62          | 19          | 0          | 0          |
| 18:00          | 54           | 40          | 13          | 0          | 1          |
| 19:00          | 47           | 42          | 5           | 0          | 0          |
| 20:00          | 27           | 22          | 5           | 0          | 0          |
| 21:00          | 16           | 13          | 3           | 0          | 0          |
| 22:00          | 14           | 12          | 2           | 0          | 0          |
| 23:00          | 4            | 4           | 0           | 0          | 0          |
| Total          |              |             |             |            |            |
| 12H(7-19)      | 829          | 639         | 177         | 8          | 5          |
| 16H(6-22)      | 955          | 742         | 200         | 8          | 5          |
| 18H(6-24)      | 973          | 758         | 202         | 8          | 5          |
| 24H(0-24)      | 992          | 773         | 206         | 8          | 5          |
| AM Peak        | 08:00<br>92  | 08:00<br>71 | 08:00<br>19 | 10:00<br>2 | 07:00<br>1 |
| PM Peak        | 17:00<br>81  | 17:00<br>62 | 16:00<br>19 | 13:00<br>1 | 16:00<br>1 |

Paul Castle Associates

| Hour Beginning | Total Volume | LIGHT        | OGV1        | OGV2       | BUS        |
|----------------|--------------|--------------|-------------|------------|------------|
| 00:00          | 3            | 2            | 1           | 0          | 0          |
| 01:00          | 1            | 0            | 1           | 0          | 0          |
| 02:00          | 2            | 1            | 1           | 0          | 0          |
| 03:00          | 3            | 2            | 1           | 0          | 0          |
| 04:00          | 6            | 5            | 1           | 0          | 0          |
| 05:00          | 6            | 5            | 1           | 0          | 0          |
| 06:00          | 45           | 34           | 11          | 0          | 0          |
| 07:00          | 86           | 71           | 14          | 0          | 1          |
| 08:00          | 84           | 73           | 11          | 0          | 0          |
| 09:00          | 57           | 47           | 6           | 3          | 1          |
| 10:00          | 55           | 44           | 9           | 1          | 1          |
| 11:00          | 56           | 46           | 10          | 0          | 0          |
| 12:00          | 72           | 59           | 10          | 1          | 2          |
| 13:00          | 66           | 55           | 8           | 1          | 2          |
| 14:00          | 75           | 61           | 13          | 1          | 0          |
| 15:00          | 109          | 100          | 9           | 0          | 0          |
| 16:00          | 109          | 93           | 15          | 1          | 0          |
| 17:00          | 103          | 93           | 10          | 0          | 0          |
| 18:00          | 75           | 69           | 6           | 0          | 0          |
| 19:00          | 35           | 31           | 4           | 0          | 0          |
| 20:00          | 37           | 34           | 3           | 0          | 0          |
| 21:00          | 15           | 15           | 0           | 0          | 0          |
| 22:00          | 9            | 9            | 0           | 0          | 0          |
| 23:00          | 7            | 6            | 1           | 0          | 0          |
| Total          |              |              |             |            |            |
| 12H(7-19)      | 947          | 811          | 121         | 8          | 7          |
| 16H(6-22)      | 1079         | 925          | 139         | 8          | 7          |
| 18H(6-24)      | 1095         | 940          | 140         | 8          | 7          |
| 24H(0-24)      | 1116         | 955          | 146         | 8          | 7          |
| AM Peak        | 07:00<br>86  | 08:00<br>73  | 07:00<br>14 | 09:00<br>3 | 07:00<br>1 |
| PM Peak        | 15:00<br>109 | 15:00<br>100 | 16:00<br>15 | 12:00<br>1 | 12:00<br>2 |

Paul Castle Associates

| Hour Beginning | Total Volume | LIGHT        | OGV1        | OGV2       | BUS        |
|----------------|--------------|--------------|-------------|------------|------------|
| 00:00          | 8            | 7            | 1           | 0          | 0          |
| 01:00          | 4            | 2            | 2           | 0          | 0          |
| 02:00          | 3            | 2            | 1           | 0          | 0          |
| 03:00          | 3            | 2            | 1           | 0          | 0          |
| 04:00          | 7            | 6            | 1           | 0          | 0          |
| 05:00          | 15           | 11           | 4           | 0          | 0          |
| 06:00          | 81           | 60           | 21          | 0          | 0          |
| 07:00          | 154          | 120          | 31          | 1          | 2          |
| 08:00          | 176          | 144          | 30          | 1          | 1          |
| 09:00          | 135          | 115          | 16          | 3          | 1          |
| 10:00          | 127          | 98           | 24          | 3          | 2          |
| 11:00          | 115          | 86           | 27          | 2          | 0          |
| 12:00          | 133          | 111          | 19          | 1          | 2          |
| 13:00          | 131          | 103          | 24          | 2          | 2          |
| 14:00          | 122          | 96           | 25          | 1          | 0          |
| 15:00          | 181          | 160          | 20          | 1          | 0          |
| 16:00          | 189          | 153          | 34          | 1          | 1          |
| 17:00          | 184          | 155          | 29          | 0          | 0          |
| 18:00          | 129          | 109          | 19          | 0          | 1          |
| 19:00          | 82           | 73           | 9           | 0          | 0          |
| 20:00          | 64           | 56           | 8           | 0          | 0          |
| 21:00          | 31           | 28           | 3           | 0          | 0          |
| 22:00          | 23           | 21           | 2           | 0          | 0          |
| 23:00          | 11           | 10           | 1           | 0          | 0          |
| Total          |              |              |             |            |            |
| 12H(7-19)      | 1776         | 1450         | 298         | 16         | 12         |
| 16H(6-22)      | 2034         | 1667         | 339         | 16         | 12         |
| 18H(6-24)      | 2068         | 1698         | 342         | 16         | 12         |
| 24H(0-24)      | 2108         | 1728         | 352         | 16         | 12         |
| AM Peak        | 08:00<br>176 | 08:00<br>144 | 07:00<br>31 | 09:00<br>3 | 07:00<br>2 |
| PM Peak        | 16:00<br>189 | 15:00<br>160 | 16:00<br>34 | 13:00<br>2 | 12:00<br>2 |

Paul Castle Associates

Barkway ATC, London Road

Direction: Northbound

12/06/2026

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 5            | 55.4            | 49.5         | 5.7                | 0            | 0           | 0           | 0           | 1           | 2           | 1           | 1           | 0           | 0            | 0            | 0           |
| 01:00           | 1            | -               | 42.5         | -                  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0            | 0            | 0           |
| 02:00           | 2            | 54.8            | 47.5         | 7.1                | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 0           | 0            | 0            | 0           |
| 03:00           | 2            | 82.6            | 56.8         | 23.0               | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0            | 1            | 0           |
| 04:00           | 1            | -               | 57.5         | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 0            | 0            | 0           |
| 05:00           | 8            | 57.9            | 49.1         | 8.6                | 0            | 0           | 0           | 0           | 1           | 2           | 1           | 3           | 0           | 1            | 0            | 0           |
| 06:00           | 32           | 57.8            | 50.2         | 7.3                | 0            | 0           | 0           | 0           | 3           | 3           | 11          | 8           | 4           | 3            | 0            | 0           |
| 07:00           | 82           | 52.1            | 43.9         | 7.9                | 0            | 1           | 4           | 2           | 7           | 33          | 24          | 6           | 3           | 2            | 0            | 0           |
| 08:00           | 80           | 53.4            | 45.6         | 7.6                | 0            | 1           | 0           | 4           | 11          | 22          | 17          | 20          | 4           | 1            | 0            | 0           |
| 09:00           | 78           | 52.3            | 45.8         | 6.3                | 0            | 1           | 0           | 1           | 7           | 22          | 33          | 11          | 2           | 1            | 0            | 0           |
| 10:00           | 73           | 53.3            | 43.3         | 9.7                | 0            | 2           | 2           | 5           | 14          | 23          | 15          | 3           | 7           | 1            | 1            | 0           |
| 11:00           | 85           | 52.0            | 42.7         | 8.9                | 0            | 3           | 2           | 5           | 16          | 27          | 18          | 10          | 2           | 2            | 0            | 0           |
| 12:00           | 95           | 52.2            | 42.5         | 9.3                | 2            | 2           | 1           | 6           | 13          | 36          | 25          | 5           | 4           | 0            | 1            | 0           |
| 13:00           | 87           | 54.0            | 44.5         | 9.2                | 0            | 2           | 1           | 9           | 17          | 10          | 23          | 16          | 8           | 1            | 0            | 0           |
| 14:00           | 71           | 51.0            | 43.7         | 7.1                | 0            | 1           | 1           | 2           | 13          | 26          | 17          | 7           | 4           | 0            | 0            | 0           |
| 15:00           | 102          | 54.4            | 42.6         | 11.4               | 0            | 9           | 5           | 0           | 12          | 24          | 36          | 7           | 6           | 3            | 0            | 0           |
| 16:00           | 99           | 53.3            | 45.0         | 8.0                | 0            | 1           | 1           | 7           | 15          | 22          | 29          | 18          | 3           | 3            | 0            | 0           |
| 17:00           | 89           | 53.8            | 46.7         | 6.8                | 0            | 0           | 0           | 0           | 12          | 25          | 26          | 24          | 0           | 1            | 0            | 1           |
| 18:00           | 59           | 56.2            | 47.1         | 8.8                | 0            | 1           | 0           | 0           | 4           | 20          | 19          | 9           | 3           | 2            | 0            | 1           |
| 19:00           | 52           | 59.1            | 51.1         | 7.7                | 0            | 0           | 0           | 0           | 1           | 9           | 18          | 12          | 5           | 6            | 1            | 0           |
| 20:00           | 25           | 59.0            | 47.7         | 10.9               | 0            | 0           | 1           | 0           | 6           | 3           | 6           | 4           | 2           | 2            | 1            | 0           |
| 21:00           | 27           | 57.5            | 47.8         | 9.4                | 0            | 0           | 0           | 2           | 5           | 3           | 6           | 6           | 2           | 3            | 0            | 0           |
| 22:00           | 20           | 51.8            | 46.3         | 5.3                | 0            | 0           | 0           | 0           | 1           | 10          | 3           | 5           | 1           | 0            | 0            | 0           |
| 23:00           | 7            | 55.3            | 45.0         | 9.9                | 0            | 0           | 0           | 0           | 3           | 1           | 2           | 0           | 0           | 1            | 0            | 0           |
| Total 2H(10-12) | 158          | 52.6            | 43.0         | 9.3                | 0            | 5           | 4           | 10          | 30          | 50          | 33          | 13          | 9           | 3            | 1            | 0           |
| 2H(14-16)       | 173          | 53.3            | 43.1         | 9.8                | 0            | 10          | 6           | 2           | 25          | 50          | 53          | 14          | 10          | 3            | 0            | 0           |
| 12H(7-19)       | 1000         | 53.3            | 44.4         | 8.7                | 2            | 24          | 17          | 41          | 141         | 290         | 282         | 136         | 46          | 17           | 2            | 2           |
| 24H(0-24)       | 1182         | 54.1            | 45.1         | 8.8                | 2            | 24          | 18          | 43          | 161         | 325         | 331         | 176         | 62          | 33           | 5            | 2           |
| AM Peak         | 11:00        | 03:00           | 03:00        | 03:00              | 00:00        | 11:00       | 07:00       | 10:00       | 11:00       | 07:00       | 09:00       | 08:00       | 10:00       | 06:00        | 03:00        | 00:00       |
|                 | 85           | 82.6            | 58.8         | 23.0               | 0            | 3           | 4           | 5           | 16          | 33          | 33          | 20          | 7           | 3            | 1            | 0           |
| PM Peak         | 15:00        | 19:00           | 19:00        | 15:00              | 12:00        | 15:00       | 13:00       | 13:00       | 13:00       | 12:00       | 15:00       | 17:00       | 13:00       | 19:00        | 12:00        | 17:00       |
|                 | 102          | 59.1            | 51.1         | 11.4               | 2            | 9           | 5           | 9           | 17          | 36          | 36          | 24          | 8           | 6            | 1            | 1           |

Paul Castle Associates

Direction: Southbound

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 5            | 51.4            | 45.5         | 5.7                | 0            | 0           | 0           | 0           | 1           | 1           | 2           | 1           | 0           | 0            | 0            | 0           |
| 01:00           | 3            | 37.2            | 34.2         | 2.9                | 0            | 0           | 0           | 2           | 1           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 02:00           | 4            | 54.9            | 45.0         | 9.6                | 0            | 0           | 0           | 0           | 2           | 0           | 1           | 0           | 1           | 0            | 0            | 0           |
| 03:00           | 2            | 59.8            | 52.5         | 7.1                | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 0            | 0            | 0           |
| 04:00           | 4            | 51.3            | 48.8         | 2.5                | 0            | 0           | 0           | 0           | 0           | 0           | 3           | 1           | 0           | 0            | 0            | 0           |
| 05:00           | 5            | 58.4            | 50.5         | 7.6                | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 3           | 1           | 0            | 0            | 0           |
| 06:00           | 25           | 57.1            | 49.5         | 7.3                | 0            | 0           | 0           | 0           | 1           | 7           | 7           | 4           | 4           | 2            | 0            | 0           |
| 07:00           | 81           | 51.7            | 45.7         | 5.8                | 0            | 0           | 1           | 0           | 8           | 29          | 28          | 11          | 3           | 1            | 0            | 0           |
| 08:00           | 102          | 51.8            | 45.0         | 6.5                | 0            | 0           | 1           | 4           | 14          | 34          | 31          | 12          | 4           | 2            | 0            | 0           |
| 09:00           | 61           | 50.8            | 44.7         | 5.9                | 0            | 0           | 0           | 3           | 10          | 18          | 19          | 9           | 2           | 0            | 0            | 0           |
| 10:00           | 66           | 49.7            | 42.1         | 7.3                | 0            | 1           | 2           | 5           | 15          | 20          | 14          | 9           | 0           | 0            | 0            | 0           |
| 11:00           | 70           | 49.2            | 41.4         | 7.6                | 0            | 2           | 1           | 3           | 21          | 28          | 8           | 5           | 1           | 1            | 0            | 0           |
| 12:00           | 129          | 50.9            | 40.5         | 10.1               | 0            | 9           | 10          | 1           | 24          | 46          | 27          | 8           | 2           | 2            | 0            | 0           |
| 13:00           | 137          | 50.4            | 40.0         | 10.0               | 4            | 6           | 7           | 3           | 26          | 55          | 26          | 9           | 0           | 1            | 0            | 0           |
| 14:00           | 123          | 50.2            | 43.0         | 6.9                | 0            | 0           | 4           | 7           | 26          | 42          | 29          | 9           | 5           | 1            | 0            | 0           |
| 15:00           | 145          | 50.3            | 42.0         | 8.0                | 0            | 5           | 2           | 9           | 34          | 43          | 38          | 10          | 3           | 1            | 0            | 0           |
| 16:00           | 148          | 49.5            | 43.7         | 5.6                | 0            | 0           | 0           | 7           | 24          | 69          | 31          | 11          | 5           | 1            | 0            | 0           |
| 17:00           | 134          | 52.5            | 45.2         | 7.0                | 0            | 0           | 2           | 6           | 20          | 40          | 33          | 24          | 7           | 2            | 0            | 0           |
| 18:00           | 84           | 50.2            | 44.0         | 6.0                | 0            | 0           | 1           | 1           | 15          | 36          | 22          | 6           | 1           | 2            | 0            | 0           |
| 19:00           | 54           | 54.3            | 44.7         | 9.3                | 0            | 0           | 0           | 0           | 2           | 5           | 19          | 8           | 13          | 3            | 1            | 0           |
| 20:00           | 33           | 54.2            | 47.0         | 6.9                | 0            | 0           | 0           | 1           | 2           | 11          | 9           | 8           | 0           | 2            | 0            | 0           |
| 21:00           | 31           | 51.2            | 44.4         | 6.5                | 0            | 0           | 0           | 1           | 8           | 9           | 6           | 5           | 2           | 0            | 0            | 0           |
| 22:00           | 26           | 53.9            | 43.9         | 9.6                | 0            | 0           | 0           | 3           | 8           | 6           | 5           | 0           | 1           | 3            | 0            | 0           |
| 23:00           | 15           | 47.3            | 42.5         | 4.6                | 0            | 0           | 0           | 1           | 3           | 6           | 5           | 0           | 0           | 0            | 0            | 0           |
| Total 2H(10-12) | 136          | 49.4            | 41.7         | 7.4                | 0            | 3           | 3           | 8           | 36          | 48          | 22          | 14          | 1           | 1            | 0            | 0           |
| 2H(14-16)       | 268          | 50.2            | 42.5         | 7.5                | 0            | 5           | 6           | 16          | 60          | 85          | 67          | 19          | 8           | 2            | 0            | 0           |
| 12H(7-19)       | 1280         | 51.0            | 43.0         | 7.7                | 4            | 23          | 31          | 49          | 237         | 460         | 306         | 123         | 33          | 14           | 0            | 0           |
| 24H(0-24)       | 1487         | 51.4            | 43.3         | 7.8                | 4            | 25          | 32          | 59          | 269         | 519         | 353         | 158         | 46          | 22           | 0            | 0           |
| AM Peak         | 08:00        | 03:00           | 03:00        | 02:00              | 00:00        | 11:00       | 10:00       | 10:00       | 11:00       | 08:00       | 08:00       | 08:00       | 06:00       | 06:00        | 00:00        | 00:00       |
|                 | 102          | 59.8            | 52.5         | 9.6                | 0            | 2           | 2           | 5           | 21          | 34          | 31          | 12          | 4           | 2            | 0            | 0           |
| PM Peak         | 16:00        | 19:00           | 20:00        | 12:00              | 13:00        | 12:00       | 12:00       | 15:00       | 15:00       | 16:00       | 15:00       | 17:00       | 17:00       | 22:00        | 12:00        | 12:00       |
|                 | 148          | 54.3            | 47.0         | 10.1               | 4            | 9           | 10          | 9           | 34          | 69          | 38          | 24          | 7           | 3            | 0            | 0           |

Paul Castle Associates

Direction: Total Flow

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 10           | 53.5            | 47.5         | 5.8                | 0            | 0           | 0           | 0           | 1           | 2           | 4           | 2           | 1           | 0            | 0            | 0           |
| 01:00           | 4            | 41.2            | 36.3         | 4.8                | 0            | 0           | 0           | 2           | 1           | 1           | 0           | 0           | 0           | 0            | 0            | 0           |
| 02:00           | 6            | 54.3            | 45.8         | 8.2                | 0            | 0           | 0           | 0           | 2           | 1           | 1           | 1           | 1           | 0            | 0            | 0           |
| 03:00           | 4            | 70.5            | 55.6         | 14.3               | 0            | 0           | 0           | 0           | 0           | 1           | 1           | 0           | 1           | 0            | 1            | 0           |
| 04:00           | 5            | 55.1            | 50.5         | 4.5                | 0            | 0           | 0           | 0           | 0           | 0           | 3           | 1           | 1           | 0            | 0            | 0           |
| 05:00           | 13           | 57.8            | 49.6         | 7.9                | 0            | 0           | 0           | 0           | 2           | 2           | 1           | 6           | 1           | 1            | 0            | 0           |
| 06:00           | 57           | 57.4            | 49.9         | 7.3                | 0            | 0           | 0           | 0           | 4           | 10          | 18          | 12          | 8           | 5            | 0            | 0           |
| 07:00           | 163          | 52.0            | 44.8         | 7.0                | 0            | 1           | 5           | 2           | 15          | 62          | 52          | 17          | 6           | 3            | 0            | 0           |
| 08:00           | 182          | 52.5            | 45.2         | 7.0                | 0            | 1           | 1           | 8           | 25          | 56          | 48          | 32          | 8           | 3            | 0            | 0           |
| 09:00           | 139          | 51.7            | 45.3         | 6.1                | 0            | 1           | 0           | 4           | 17          | 40          | 52          | 20          | 4           | 1            | 0            | 0           |
| 10:00           | 139          | 51.6            | 42.7         | 8.6                | 0            | 3           | 4           | 10          | 29          | 43          | 29          | 12          | 7           | 1            | 1            | 0           |
| 11:00           | 155          | 50.8            | 42.1         | 8.4                | 0            | 5           | 3           | 8           | 37          | 55          | 26          | 15          | 3           | 3            | 0            | 0           |
| 12:00           | 224          | 51.5            | 41.3         | 9.8                | 2            | 11          | 11          | 7           | 37          | 82          | 52          | 13          | 6           | 2            | 1            | 0           |
| 13:00           | 224          | 52.0            | 41.7         | 9.9                | 4            | 8           | 8           | 12          | 43          | 65          | 49          | 25          | 8           | 2            | 0            | 0           |
| 14:00           | 194          | 50.5            | 43.3         | 7.0                | 0            | 1           | 5           | 9           | 39          | 68          | 46          | 16          | 9           | 1            | 0            | 0           |
| 15:00           | 247          | 52.1            | 42.2         | 9.5                | 0            | 14          | 7           | 9           | 46          | 67          | 74          | 17          | 9           | 4            | 0            | 0           |
| 16:00           | 247          | 51.1            | 44.2         | 6.7                | 0            | 1           | 1           | 14          | 39          | 91          | 60          | 29          | 8           | 4            | 0            | 0           |
| 17:00           | 223          | 53.0            | 45.8         | 7.0                | 0            | 0           | 2           | 6           | 32          | 65          | 59          | 48          | 7           | 3            | 0            | 1           |
| 18:00           | 143          | 53.0            | 45.3         | 7.4                | 0            | 1           | 1           | 1           | 19          | 56          | 41          | 15          | 4           | 4            | 0            | 1           |
| 19:00           | 106          | 57.3            | 47.9         | 9.1                | 0            | 2           | 1           | 2           | 6           | 28          | 26          | 25          | 8           | 7            | 1            | 0           |
| 20:00           | 58           | 56.4            | 47.3         | 8.7                | 0            | 0           | 1           | 1           | 8           | 14          | 15          | 12          | 2           | 4            | 1            | 0           |
| 21:00           | 58           | 54.4            | 46.0         | 8.1                | 0            | 0           | 0           | 3           | 13          | 12          | 12          | 11          | 4           | 3            | 0            | 0           |
| 22:00           | 46           | 52.3            | 44.9         | 8.1                | 0            | 0           | 0           | 3           | 9           | 16          | 8           | 5           | 2           | 3            | 0            | 0           |
| 23:00           | 22           | 50.1            | 43.3         | 6.6                | 0            | 0           | 0           | 1           | 6           | 7           | 7           | 0           | 0           | 1            | 0            | 0           |
| Total 2H(10-12) | 294          | 51.2            | 42.4         | 8.5                | 0            | 8           | 7           | 18          | 66          | 98          | 55          | 27          | 10          | 4            | 1            | 0           |
| 2H(14-16)       | 441          | 51.5            | 42.7         | 8.5                | 0            | 15          | 12          | 18          | 85          | 135         | 120         | 33          | 18          | 5            | 0            | 0           |
| 12H(7-19)       | 2280         | 52.1            | 43.6         | 8.2                | 6            | 47          | 48          | 90          | 378         | 750         | 588         | 259         | 79          | 31           | 2            | 2           |
| 24H(0-24)       | 2669         | 51.7            | 44.1         | 8.3                | 6            | 49          | 50          | 102         | 430         | 844         | 584         | 334         | 108         | 55           | 5            | 2           |

Barkway ATC, London Road

Direction: Northbound

13/06/2026

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 7            | 61.9            | 52.1         | 9.4                | 0            | 0           | 0           | 0           | 1           | 0           | 2           | 2           | 1           | 0            | 0            | 0           |
| 01:00           | 3            | 53.7            | 45.8         | 7.6                | 0            | 0           | 0           | 0           | 1           | 0           | 1           | 1           | 0           | 0            | 0            | 0           |
| 02:00           | 0            | -               | -            | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 03:00           | 0            | -               | -            | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 04:00           | 0            | -               | -            | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 05:00           | 7            | 61.7            | 49.3         | 12.0               | 0            | 0           | 0           | 0           | 1           | 1           | 4           | 0           | 0           | 0            | 1            | 0           |
| 06:00           | 19           | 55.0            | 43.8         | 10.7               | 0            | 1           | 1           | 0           | 3           | 5           | 4           | 2           | 3           | 0            | 0            | 0           |
| 07:00           | 38           | 57.2            | 47.6         | 9.3                | 0            | 1           | 0           | 1           | 1           | 12          | 10          | 8           | 1           | 4            | 0            | 0           |
| 08:00           | 59           | 55.3            | 45.5         | 9.5                | 0            | 2           | 0           | 2           | 11          | 13          | 12          | 11          | 6           | 2            | 0            | 0           |
| 09:00           | 69           | 51.2            | 42.3         | 8.6                | 0            | 3           | 1           | 2           | 17          | 22          | 13          | 8           | 3           | 0            | 0            | 0           |
| 10:00           | 74           | 52.5            | 43.8         | 8.5                | 0            | 2           | 2           | 2           | 13          | 19          | 23          | 11          | 0           | 2            | 0            | 0           |
| 11:00           | 86           | 52.2            | 43.8         | 8.1                | 0            | 3           | 0           | 6           | 12          | 21          | 28          | 14          | 2           | 0            | 0            | 0           |
| 12:00           | 86           | 53.7            | 43.5         | 9.9                | 0            | 3           | 3           | 5           | 8           | 36          | 12          | 13          | 5           | 0            | 0            | 1           |
| 13:00           | 83           | 51.8            | 43.4         | 8.1                | 0            | 2           | 2           | 4           | 15          | 18          | 33          | 7           | 0           | 2            | 0            | 0           |
| 14:00           | 69           | 54.9            | 43.4         | 11.1               | 0            | 5           | 1           | 4           | 11          | 13          | 16          | 13          | 4           | 2            | 0            | 0           |
| 15:00           | 55           | 56.4            | 42.6         | 13.2               | 0            | 8           | 0           | 0           | 6           | 15          | 9           | 13          | 1           | 3            | 0            | 0           |
| 16:00           | 51           | 55.6            | 46.4         | 8.9                | 0            | 1           | 0           | 0           | 11          | 10          | 13          | 11          | 1           | 4            | 0            | 0           |
| 17:00           | 38           | 54.4            | 44.8         | 9.3                | 0            | 1           | 2           | 0           | 4           | 10          | 13          | 6           | 0           | 2            | 0            | 0           |
| 18:00           | 49           | 53.6            | 45.3         | 8.0                | 0            | 1           | 0           | 1           | 10          | 12          | 10          | 10          | 5           | 0            | 0            | 0           |
| 19:00           | 33           | 54.9            | 48.1         | 6.6                | 0            | 0           | 0           | 0           | 4           | 4           | 15          | 7           | 1           | 2            | 0            | 0           |
| 20:00           | 20           | 62.6            | 48.5         | 13.6               | 0            | 0           | 0           | 2           | 4           | 5           | 2           | 1           | 2           | 3            | 0            | 1           |
| 21:00           | 21           | 54.9            | 46.1         | 8.5                | 0            | 0           | 1           | 0           | 4           | 3           | 7           | 4           | 1           | 1            | 0            | 0           |
| 22:00           | 10           | 55.5            | 49.0         | 6.3                | 0            | 0           | 0           | 0           | 0           | 3           | 4           | 0           | 3           | 0            | 0            | 0           |
| 23:00           | 8            | 53.6            | 42.8         | 10.4               | 0            | 0           | 1           | 0           | 3           | 0           | 2           | 1           | 1           | 0            | 0            | 0           |
| Total 2H(10-12) | 160          | 52.3            | 43.8         | 8.2                | 0            | 5           | 2           | 8           | 25          | 40          | 51          | 25          | 2           | 2            | 0            | 0           |
| 2H(14-16)       | 124          | 55.6            | 43.1         | 12.0               | 0            | 13          | 1           | 4           | 17          | 28          | 25          | 26          | 5           | 5            | 0            | 0           |
| 12H(7-19)       | 757          | 53.9            | 44.1         | 9.4                | 0            | 32          | 11          | 27          | 119         | 201         | 192         | 125         | 28          | 21           | 0            | 1           |
| 24H(0-24)       | 885          | 54.4            | 44.5         | 9.5                | 0            | 33          | 14          | 29          | 140         | 223         | 231         | 143         | 41          | 28           | 1            | 2           |
| AM Peak         | 11:00        | 00:00           | 00:00        | 05:00              | 00:00        | 09:00       | 10:00       | 11:00       | 09:00       | 09:00       | 11:00       | 11:00       | 08:00       | 07:00        | 05:00        | 00:00       |
|                 | 86           | 61.9            | 52.1         | 12.0               | 0            | 3           | 2           | 6           | 17          | 22          | 28          | 14          | 6           | 4            | 1            | 0           |
| PM Peak         | 12:00        | 20:00           | 22:00        | 20:00              | 12:00        | 15:00       | 12:00       | 12:00       | 13:00       | 12:00       | 13:00       | 12:00       | 12:00       | 16:00        | 12:00        | 12:00       |
|                 | 86           | 62.6            | 49.0         | 13.6               | 0            | 8           | 3           | 5           | 15          | 36          | 33          | 13          | 5           | 4            | 0            | 1           |

Paul Castle Associates

Direction: Southbound

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 14           | 52.5            | 45.0         | 7.3                | 0            | 0           | 0           | 1           | 3           | 3           | 3           | 1           | 0           | 0            | 0            | 0           |
| 01:00           | 4            | 51.3            | 48.8         | 2.5                | 0            | 0           | 0           | 0           | 0           | 3           | 1           | 0           | 0           | 0            | 0            | 0           |
| 02:00           | 3            | 42.5            | 42.5         | 0.0                | 0            | 0           | 0           | 0           | 0           | 3           | 0           | 0           | 0           | 0            | 0            | 0           |
| 03:00           | 1            | -               | 47.5         | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0            | 0            | 0           |
| 04:00           | 0            | -               | -            | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 05:00           | 2            | 48.7            | 45.0         | 3.5                | 0            | 0           | 0           | 0           | 0           | 1           | 1           | 0           | 0           | 0            | 0            | 0           |
| 06:00           | 10           | 51.2            | 41.8         | 9.1                | 0            | 0           | 1           | 0           | 4           | 2           | 1           | 1           | 1           | 0            | 0            | 0           |
| 07:00           | 25           | 56.2            | 46.7         | 9.1                | 0            | 0           | 1           | 0           | 5           | 7           | 3           | 4           | 5           | 1            | 0            | 0           |
| 08:00           | 56           | 54.2            | 46.9         | 7.1                | 0            | 0           | 0           | 1           | 6           | 15          | 21          | 8           | 3           | 1            | 1            | 0           |
| 09:00           | 79           | 52.0            | 42.6         | 9.1                | 0            | 0           | 9           | 5           | 11          | 21          | 19          | 8           | 5           | 1            | 0            | 0           |
| 10:00           | 67           | 53.3            | 43.1         | 9.8                | 0            | 0           | 4           | 7           | 13          | 19          | 12          | 6           | 4           | 1            | 0            | 1           |
| 11:00           | 89           | 50.1            | 42.2         | 7.6                | 0            | 1           | 4           | 6           | 16          | 35          | 18          | 5           | 3           | 1            | 0            | 0           |
| 12:00           | 91           | 50.8            | 43.5         | 7.0                | 0            | 0           | 2           | 2           | 27          | 25          | 13          | 1           | 2           | 0            | 0            | 0           |
| 13:00           | 101          | 49.8            | 38.1         | 11.3               | 0            | 9           | 18          | 2           | 13          | 31          | 17          | 9           | 2           | 0            | 0            | 0           |
| 14:00           | 101          | 52.2            | 42.5         | 9.3                | 0            | 1           | 4           | 10          | 24          | 27          | 22          | 6           | 5           | 0            | 1            | 1           |
| 15:00           | 81           | 52.1            | 45.9         | 6.0                | 0            | 0           | 0           | 2           | 10          | 25          | 24          | 16          | 3           | 1            | 0            | 0           |
| 16:00           | 58           | 54.6            | 45.4         | 8.8                | 0            | 0           | 1           | 1           | 12          | 19          | 15          | 3           | 2           | 4            | 1            | 0           |
| 17:00           | 79           | 52.1            | 43.2         | 8.6                | 0            | 2           | 1           | 4           | 18          | 23          | 18          | 9           | 3           | 0            | 1            | 0           |
| 18:00           | 60           | 53.3            | 45.3         | 7.7                | 0            | 1           | 0           | 2           | 10          | 14          | 19          | 9           | 4           | 1            | 0            | 0           |
| 19:00           | 50           | 53.6            | 45.7         | 7.6                | 0            | 0           | 0           | 0           | 2           | 11          | 12          | 11          | 9           | 3            | 2            | 0           |
| 20:00           | 28           | 56.9            | 48.1         | 8.5                | 0            | 0           | 0           | 0           | 4           | 9           | 5           | 4           | 3           | 3            | 0            | 0           |
| 21:00           | 11           | 59.1            | 44.8         | 13.8               | 0            | 1           | 0           | 1           | 2           | 1           | 1           | 3           | 1           | 1            | 0            | 0           |
| 22:00           | 22           | 48.2            | 39.1         | 8.7                | 0            | 1           | 1           | 4           | 5           | 6           | 3           | 2           | 0           | 0            | 0            | 0           |
| 23:00           | 30           | 52.3            | 43.3         | 8.7                | 0            | 0           | 1           | 4           | 5           | 9           | 5           | 3           | 2           | 1            | 0            | 0           |
| Total 2H(10-12) | 156          | 51.5            | 42.6         | 8.6                | 0            | 1           | 8           | 13          | 29          | 54          | 30          | 11          | 7           | 2            | 0            | 1           |
| 2H(14-16)       | 182          | 52.5            | 44.0         | 8.2                | 0            | 1           | 4           | 12          | 34          | 52          | 46          | 22          | 8           | 1            | 1            | 1           |
| 12H(7-19)       | 888          | 52.5            | 43.3         | 8.9                | 0            | 14          | 44          | 42          | 165         | 261         | 207         | 96          | 40          | 13           | 4            | 2           |
| 24H(0-24)       | 1063         | 52.7            | 43.5         | 8.9                | 0            | 16          | 47          | 54          | 199         | 307         | 241         | 122         | 51          | 20           | 4            | 2           |
| AM Peak         | 11:00        | 07:00           | 01:00        | 10:00              | 00:00        | 11:00       | 09:00       | 10:00       | 11:00       | 11:00       | 08:00       | 08:00       | 07:00       | 07:00        | 08:00        | 10:00       |
|                 | 89           | 56.2            | 48.8         | 9.8                | 0            | 1           | 9           | 7           | 16          | 35          | 21          | 8           | 5           | 1            | 1            | 1           |
| PM Peak         | 13:00        | 21:00           | 20:00        | 21:00              | 12:00        | 13:00       | 13:00       | 14:00       | 12:00       | 13:00       | 15:00       | 15:00       | 14:00       | 16:00        | 14:00        | 14:00       |
|                 | 101          | 59.1            | 48.1         | 13.8               | 0            | 9           | 18          | 10          | 27          | 31          | 24          | 16          | 5           | 4            | 1            | 1           |

Paul Castle Associates

Direction: Total Flow

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 21           | 56.2            | 47.5         | 8.5                | 0            | 0           | 0           | 1           | 4           | 4           | 3           | 5           | 3           | 1            | 0            | 0           |
| 01:00           | 7            | 52.7            | 47.5         | 5.0                | 0            | 0           | 0           | 0           | 1           | 0           | 4           | 2           | 0           | 0            | 0            | 0           |
| 02:00           | 3            | 42.5            | 42.5         | 0.0                | 0            | 0           | 0           | 0           | 0           | 3           | 0           | 0           | 0           | 0            | 0            | 0           |
| 03:00           | 1            | -               | 47.5         | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0            | 0            | 0           |
| 04:00           | 0            | -               | -            | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 05:00           | 9            | 59.3            | 48.3         | 10.6               | 0            | 0           | 0           | 0           | 1           | 2           | 5           | 0           | 0           | 0            | 1            | 0           |
| 06:00           | 29           | 53.6            | 43.1         | 10.1               | 0            | 1           | 2           | 0           | 7           | 7           | 5           | 3           | 4           | 0            | 0            | 0           |
| 07:00           | 64           | 56.7            | 47.2         | 9.2                | 0            | 1           | 1           | 1           | 6           | 19          | 13          | 12          | 6           | 5            | 0            | 0           |
| 08:00           | 115          | 54.8            | 46.2         | 8.4                | 0            | 2           | 0           | 3           | 17          | 28          | 33          | 19          | 9           | 3            | 1            | 0           |
| 09:00           | 148          | 51.6            | 42.5         | 8.8                | 0            | 3           | 10          | 7           | 28          | 43          | 32          | 16          | 8           | 1            | 0            | 0           |
| 10:00           | 141          | 52.9            | 43.5         | 9.1                | 0            | 2           | 6           | 9           | 26          | 38          | 35          | 17          | 4           | 3            | 0            | 1           |
| 11:00           | 175          | 51.1            | 42.9         | 7.9                | 0            | 4           | 4           | 12          | 28          | 56          | 46          | 19          | 5           | 1            | 0            | 0           |
| 12:00           | 177          | 52.3            | 43.5         | 8.5                | 0            | 3           | 5           | 7           | 35          | 61          | 31          | 26          | 6           | 2            | 0            | 1           |
| 13:00           | 184          | 51.2            | 40.5         | 10.3               | 0            | 11          | 20          | 6           | 28          | 49          | 50          | 16          | 2           | 2            | 0            | 0           |
| 14:00           | 170          | 53.3            | 42.9         | 10.0               | 0            | 6           | 5           | 14          | 35          | 40          | 38          | 19          | 9           | 2            | 1            | 1           |
| 15:00           | 136          | 54.6            | 44.6         | 9.7                | 0            | 8           | 0           | 2           | 16          | 40          | 33          | 29          | 4           | 4            | 0            | 0           |
| 16:00           | 109          | 55.0            | 45.9         | 8.8                | 0            | 1           | 1           | 1           | 23          | 29          | 28          | 14          | 3           | 8            | 1            | 0           |
| 17:00           | 117          | 52.8            | 43.7         | 8.8                | 0            | 3           | 3           | 4           | 22          | 33          | 31          | 15          | 3           | 2            | 1            | 0           |
| 18:00           | 109          | 53.4            | 45.3         | 7.8                | 0            | 2           | 0           | 3           | 20          | 26          | 29          | 19          | 9           | 1            | 0            | 0           |
| 19:00           | 83           | 54.2            | 46.7         | 7.3                | 0            | 0           | 0           | 2           | 15          | 16          | 26          | 16          | 4           | 4            | 0            | 0           |
| 20:00           | 48           | 59.4            | 48.3         | 10.8               | 0            | 0           | 0           | 2           | 8           | 14          | 7           | 5           | 5           | 6            | 0            | 1           |
| 21:00           | 32           | 56.4            | 45.6         | 10.4               | 0            | 1           | 1           | 1           | 6           | 4           | 8           | 7           | 2           | 2            | 0            | 0           |
| 22:00           | 32           | 51.7            | 42.2         | 9.2                | 0            | 1           | 1           | 4           | 5           | 9           | 7           | 2           | 3           | 0            | 0            | 0           |
| 23:00           | 38           | 52.5            | 43.2         | 8.9                | 0            | 0           | 2           | 4           | 8           | 9           | 7           | 4           | 3           | 1            | 0            | 0           |
| Total 2H(10-12) | 316          | 51.9            | 43.2         | 8.4                | 0            | 6           | 10          | 21          | 54          | 94          | 81          | 36          | 9           | 4            | 0            | 1           |
| 2H(14-16)       | 306          | 53.9            | 43.7         | 9.9                | 0            | 14          | 5           | 16          | 51          | 80          | 71          | 48          | 13          | 6            | 1            | 1           |
| 12H(7-19)       | 1645         | 53.1            | 43.7         | 9.2                | 0            | 46          | 55          | 69          | 284         | 462         | 399         | 221         | 68          | 34           | 4            | 3           |
| 24H(0-24)       | 1948         | 53.5            | 44.0         | 9.2                | 0            | 49          | 61          | 83          | 339         | 530         | 472         | 265         | 92          | 48           | 5            | 4           |
| AM Peak         | 11:00        | 05:00           | 05:00        | 05:00              | 00:00        | 11:00       | 09:00       | 11:00       | 09:00       | 11:00       | 11:00       | 08:00       | 08:00       | 07:00        | 05:00        | 10:00       |
|                 | 17:00        | 59.3            | 48.3         | 10.6               | 0            | 4           | 10          | 12          | 28          | 56          | 46          | 19          | 9           | 5            | 1            | 1           |
| PM Peak         | 13:00        | 20:00           | 20:00        | 20:00              | 12:00        | 13:00       | 13:00       | 14:00       | 12:00       | 12:00       | 13:00       | 15:00       | 14:00       | 16:00        | 14:00        | 12:00       |
|                 | 18:00        | 59.4            | 48.3         | 10.8               | 0            | 11          | 20          | 14          | 35          | 61          | 50          | 29          | 9           | 8            | 1            | 1           |

Barkway ATC, London Road

Direction: Northbound

14/06/2026

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<30 | Bin 3 30<35 | Bin 4 35<40 | Bin 5 40<45 | Bin 6 45<50 | Bin 7 50<55 | Bin 8 55<60 | Bin 9 60<70 | Bin 10 70<80 | Bin 11 80<90 | Bin 12 >=90 |
|-----------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 12           | 45.0            | 34.2         | 10.4               | 0            | 1           | 3           | 2           | 2           | 3           | 0           | 1           | 0           | 0            | 0            | 0           |
| 01:00           | 13           | 52.2            | 39.0         | 12.7               | 0            | 0           | 3           | 3           | 2           | 2           | 0           | 1           | 1           | 1            | 0            | 0           |
| 02:00           | 12           | 47.1            | 34.8         | 11.8               | 0            | 1           | 4           | 1           | 1           | 2           | 2           | 1           | 0           | 0            | 0            | 0           |
| 03:00           | 6            | 41.5            | 33.3         | 7.9                | 0            | 0           | 2           | 2           | 0           | 2           | 0           | 0           | 0           | 0            | 0            | 0           |
| 04:00           | 7            | 43.2            | 32.9         | 9.9                | 0            | 0           | 3           | 2           | 1           | 0           | 0           | 1           | 0           | 0            | 0            | 0           |
| 05:00           | 5            | 53.3            | 46.5         | 6.5                | 0            | 0           | 0           | 0           | 1           | 1           | 1           | 2           | 0           | 0            | 0            | 0           |
| 06:00           | 22           | 55.0            | 40.7         | 13.8               | 0            | 1           | 2           | 4           | 4           | 5           | 3           | 1           | 1           | 0            | 0            | 1           |
| 07:00           | 50           | 50.8            | 41.4         | 9.1                | 0            | 3           | 0           | 4           | 10          | 17          | 11          | 4           | 0           | 1            | 0            | 0           |
| 08:00           | 52           | 47.9            | 37.8         | 9.8                | 0            | 3           | 6           | 10          | 9           | 10          | 10          | 4           | 0           | 0            | 0            | 0           |
| 09:00           | 75           | 51.8            | 41.4         | 10.1               | 0            | 3           | 2           | 14          | 11          | 22          | 11          | 6           | 3           | 3            | 0            | 0           |
| 10:00           | 100          | 50.1            | 39.6         | 10.2               | 0            | 7           | 5           | 13          | 25          | 20          | 19          | 4           | 7           | 0            | 0            | 0           |
| 11:00           | 107          | 48.3            | 36.2         | 11.6               | 0            | 14          | 7           | 20          | 26          | 24          | 9           | 4           | 1           | 1            | 0            | 1           |
| 12:00           | 80           | 54.4            | 42.1         | 11.9               | 0            | 7           | 1           | 6           | 14          | 20          | 17          | 8           | 5           | 1            | 0            | 1           |
| 13:00           | 73           | 50.5            | 42.7         | 7.5                | 0            | 1           | 3           | 5           | 10          | 27          | 16          | 10          | 1           | 0            | 0            | 0           |
| 14:00           | 60           | 50.9            | 44.0         | 6.7                | 0            | 0           | 0           | 4           | 13          | 19          | 15          | 5           | 3           | 1            | 0            | 0           |
| 15:00           | 46           | 59.5            | 44.8         | 14.2               | 0            | 4           | 2           | 0           | 7           | 10          | 9           | 5           | 4           | 4            | 0            | 1           |
| 16:00           | 34           | 51.3            | 44.5         | 6.6                | 0            | 0           | 0           | 1           | 7           | 12          | 10          | 1           | 2           | 1            | 0            | 0           |
| 17:00           | 36           | 58.8            | 48.3         | 10.1               | 0            | 1           | 0           | 0           | 3           | 10          | 8           | 6           | 5           | 2            | 1            | 0           |
| 18:00           | 28           | 52.5            | 45.7         | 6.6                | 0            | 0           | 0           | 2           | 1           | 12          | 6           | 4           | 3           | 0            | 0            | 0           |
| 19:00           | 31           | 55.8            | 46.0         | 9.5                | 0            | 1           | 0           | 1           | 4           | 7           | 10          | 4           | 2           | 2            | 0            | 0           |
| 20:00           | 18           | 58.1            | 48.5         | 9.3                | 0            | 0           | 1           | 0           | 1           | 3           | 6           | 4           | 1           | 2            | 0            | 0           |
| 21:00           | 13           | 53.5            | 44.4         | 8.7                | 0            | 0           | 1           | 0           | 1           | 5           | 5           | 0           | 0           | 1            | 0            | 0           |
| 22:00           | 6            | 52.3            | 39.6         | 12.3               | 0            | 1           | 0           | 0           | 0           | 3           | 2           | 0           | 0           | 0            | 0            | 0           |
| 23:00           | 2            | 48.7            | 45.0         | 3.5                | 0            | 0           | 0           | 0           | 0           | 1           | 1           | 0           | 0           | 0            | 0            | 0           |
| Total 2H(10-12) | 207          | 49.3            | 37.8         | 11.1               | 0            | 21          | 12          | 33          | 51          | 44          | 28          | 8           | 8           | 1            | 0            | 1           |
| 2H(14-16)       | 106          | 55.3            | 44.3         | 10.6               | 0            | 4           | 2           | 4           | 20          | 29          | 24          | 10          | 7           | 5            | 0            | 1           |
| 12H(7-19)       | 741          | 52.3            | 41.4         | 10.5               | 0            | 43          | 26          | 79          | 136         | 203         | 141         | 61          | 34          | 14           | 1            | 3           |
| 24H(0-24)       | 888          | 52.5            | 41.4         | 10.7               | 0            | 48          | 45          | 94          | 153         | 237         | 171         | 76          | 39          | 20           | 1            | 4           |
| AM Peak         | 11:00        | 06:00           | 05:00        | 06:00              | 00:00        | 11:00       | 11:00       | 11:00       | 11:00       | 11:00       | 10:00       | 09:00       | 10:00       | 09:00        | 00:00        | 06:00       |
|                 | 107          | 55.0            | 46.5         | 13.8               | 0            | 14          | 7           | 20          | 26          | 24          | 19          | 6           | 7           | 3            | 0            | 1           |
| PM Peak         | 12:00        | 15:00           | 20:00        | 15:00              | 12:00        | 12:00       | 13:00       | 12:00       | 12:00       | 13:00       | 12:00       | 13:00       | 12:00       | 15:00        | 17:00        | 12:00       |
|                 | 80           | 59.5            | 48.5         | 14.2               | 0            | 7           | 3           | 6           | 14          | 27          | 17          | 10          | 5           | 4            | 1            | 1           |

Paul Castle Associates

Direction: Southbound

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 25           | 48.3            | 38.3         | 9.7                | 1            | 0           | 2           | 4           | 5           | 10          | 1           | 1           | 1           | 0            | 0            | 0           |
| 01:00           | 16           | 49.7            | 38.6         | 10.7               | 0            | 1           | 1           | 2           | 6           | 3           | 2           | 0           | 0           | 1            | 0            | 0           |
| 02:00           | 11           | 46.3            | 35.7         | 10.3               | 0            | 1           | 1           | 3           | 3           | 1           | 1           | 1           | 0           | 0            | 0            | 0           |
| 03:00           | 2            | 57.2            | 42.5         | 14.1               | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 0           | 0            | 0            | 0           |
| 04:00           | 2            | 37.5            | 37.5         | 0.0                | 0            | 0           | 0           | 0           | 2           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 05:00           | 7            | 57.1            | 43.9         | 12.7               | 0            | 0           | 1           | 0           | 2           | 1           | 1           | 1           | 0           | 1            | 0            | 0           |
| 06:00           | 12           | 50.7            | 42.9         | 7.5                | 0            | 0           | 0           | 1           | 5           | 1           | 3           | 1           | 1           | 0            | 0            | 0           |
| 07:00           | 35           | 52.5            | 40.8         | 11.3               | 0            | 1           | 2           | 6           | 7           | 11          | 3           | 4           | 0           | 0            | 0            | 1           |
| 08:00           | 37           | 50.8            | 38.9         | 11.5               | 0            | 1           | 6           | 5           | 10          | 6           | 5           | 2           | 0           | 1            | 1            | 0           |
| 09:00           | 65           | 48.9            | 40.0         | 8.5                | 0            | 1           | 5           | 8           | 22          | 11          | 10          | 5           | 3           | 0            | 0            | 0           |
| 10:00           | 81           | 47.1            | 38.0         | 8.8                | 0            | 2           | 13          | 8           | 19          | 26          | 11          | 0           | 1           | 1            | 0            | 0           |
| 11:00           | 77           | 47.1            | 37.8         | 9.0                | 0            | 3           | 11          | 11          | 14          | 27          | 5           | 5           | 1           | 0            | 0            | 0           |
| 12:00           | 88           | 49.9            | 40.1         | 9.4                | 0            | 2           | 10          | 9           | 18          | 25          | 14          | 7           | 1           | 2            | 0            | 0           |
| 13:00           | 69           | 54.1            | 45.1         | 8.7                | 0            | 0           | 2           | 2           | 11          | 21          | 24          | 3           | 2           | 2            | 0            | 0           |
| 14:00           | 84           | 53.8            | 43.0         | 10.5               | 0            | 1           | 6           | 6           | 13          | 28          | 16          | 9           | 3           | 0            | 0            | 2           |
| 15:00           | 82           | 55.2            | 45.2         | 9.7                | 0            | 0           | 3           | 2           | 15          | 27          | 17          | 12          | 2           | 2            | 0            | 2           |
| 16:00           | 70           | 51.4            | 43.5         | 7.6                | 0            | 1           | 1           | 3           | 11          | 29          | 15          | 8           | 1           | 0            | 1            | 0           |
| 17:00           | 71           | 54.1            | 44.1         | 9.6                | 0            | 1           | 3           | 2           | 15          | 20          | 14          | 11          | 3           | 1            | 0            | 1           |
| 18:00           | 52           | 52.5            | 43.9         | 8.3                | 0            | 1           | 0           | 3           | 9           | 18          | 13          | 5           | 2           | 0            | 1            | 0           |
| 19:00           | 39           | 51.4            | 45.8         | 5.4                | 0            | 0           | 0           | 0           | 4           | 14          | 16          | 3           | 1           | 1            | 0            | 0           |
| 20:00           | 29           | 47.9            | 40.4         | 7.2                | 0            | 0           | 2           | 2           | 12          | 5           | 6           | 1           | 1           | 0            | 0            | 0           |
| 21:00           | 17           | 51.5            | 43.8         | 7.4                | 0            | 0           | 1           | 1           | 2           | 4           | 6           | 3           | 0           | 0            | 0            | 0           |
| 22:00           | 7            | 48.5            | 42.5         | 5.8                | 0            | 0           | 0           | 0           | 3           | 2           | 1           | 1           | 0           | 0            | 0            | 0           |
| 23:00           | 3            | 58.7            | 50.8         | 7.6                | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1           | 0            | 0            | 0           |
| Total 2H(10-12) | 158          | 47.1            | 37.9         | 8.9                | 0            | 5           | 24          | 19          | 33          | 53          | 16          | 5           | 2           | 1            | 0            | 0           |
| 2H(14-16)       | 166          | 54.6            | 44.1         | 10.1               | 0            | 1           | 9           | 8           | 28          | 55          | 33          | 21          | 5           | 2            | 0            | 4           |
| 12H(7-19)       | 811          | 51.8            | 41.8         | 9.7                | 0            | 14          | 62          | 65          | 164         | 249         | 147         | 71          | 19          | 9            | 5            | 6           |
| 24H(0-24)       | 981          | 51.6            | 41.8         | 9.5                | 1            | 16          | 70          | 79          | 208         | 291         | 184         | 85          | 24          | 12           | 5            | 6           |
| AM Peak         | 10:00        | 03:00           | 05:00        | 03:00              | 00:00        | 11:00       | 10:00       | 11:00       | 09:00       | 11:00       | 10:00       | 09:00       | 09:00       | 01:00        | 08:00        | 07:00       |
|                 | 81           | 57.2            | 43.9         | 14.1               | 1            | 3           | 13          | 11          | 22          | 27          | 11          | 5           | 3           | 1            | 1            | 1           |
| PM Peak         | 12:00        | 23:00           | 23:00        | 14:00              | 12:00        | 12:00       | 12:00       | 12:00       | 12:00       | 16:00       | 13:00       | 15:00       | 14:00       | 12:00        | 13:00        | 14:00       |
|                 | 88           | 58.7            | 50.8         | 10.5               | 0            | 2           | 10          | 9           | 18          | 29          | 24          | 12          | 3           | 2            | 2            | 2           |

Paul Castle Associates

Direction: Total Flow

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1<br>10<20 | Bin 2<br>20<30 | Bin 3<br>30<35 | Bin 4<br>35<40 | Bin 5<br>40<45 | Bin 6<br>45<50 | Bin 7<br>50<55 | Bin 8<br>55<60 | Bin 9<br>60<70 | Bin 10<br>70<80 | Bin 11<br>80<90 | Bin 12<br>90<100 |
|-----------------|--------------|-----------------|--------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|------------------|
| 00:00           | 37           | 47.3            | 37.0         | 10.0               | 1              | 1              | 5              | 6              | 7              | 13             | 1              | 2              | 1              | 0               | 0               | 0                |
| 01:00           | 29           | 50.7            | 38.8         | 11.4               | 0              | 1              | 4              | 5              | 8              | 5              | 2              | 1              | 1              | 2               | 0               | 0                |
| 02:00           | 23           | 46.5            | 35.2         | 10.9               | 0              | 2              | 5              | 4              | 4              | 3              | 3              | 2              | 0              | 0               | 0               | 0                |
| 03:00           | 8            | 45.5            | 35.6         | 9.5                | 0              | 0              | 2              | 3              | 0              | 2              | 0              | 1              | 0              | 0               | 0               | 0                |
| 04:00           | 9            | 43.1            | 33.9         | 8.8                | 0              | 0              | 3              | 2              | 3              | 0              | 0              | 1              | 0              | 0               | 0               | 0                |
| 05:00           | 12           | 55.7            | 45.0         | 10.3               | 0              | 0              | 1              | 0              | 3              | 2              | 2              | 3              | 0              | 1               | 0               | 0                |
| 06:00           | 34           | 53.8            | 41.5         | 11.9               | 0              | 1              | 2              | 5              | 9              | 6              | 6              | 2              | 2              | 0               | 0               | 1                |
| 07:00           | 85           | 51.5            | 41.1         | 10.0               | 0              | 4              | 2              | 10             | 17             | 28             | 14             | 8              | 0              | 1               | 0               | 1                |
| 08:00           | 89           | 49.1            | 38.3         | 10.5               | 0              | 4              | 12             | 15             | 19             | 16             | 15             | 6              | 0              | 1               | 1               | 0                |
| 09:00           | 140          | 50.5            | 40.8         | 9.4                | 0              | 4              | 7              | 22             | 33             | 33             | 21             | 11             | 6              | 3               | 0               | 0                |
| 10:00           | 181          | 48.8            | 38.9         | 9.6                | 0              | 9              | 18             | 21             | 44             | 46             | 30             | 4              | 8              | 1               | 0               | 0                |
| 11:00           | 184          | 47.9            | 36.9         | 10.6               | 0              | 17             | 18             | 31             | 40             | 51             | 14             | 9              | 2              | 1               | 0               | 1                |
| 12:00           | 168          | 52.1            | 41.0         | 10.7               | 0              | 9              | 11             | 15             | 32             | 45             | 31             | 15             | 6              | 3               | 0               | 1                |
| 13:00           | 142          | 52.3            | 43.9         | 8.1                | 0              | 1              | 5              | 7              | 21             | 48             | 40             | 13             | 3              | 2               | 2               | 0                |
| 14:00           | 144          | 52.8            | 43.4         | 9.1                | 0              | 1              | 6              | 10             | 26             | 47             | 31             | 14             | 6              | 1               | 0               | 2                |
| 15:00           | 128          | 56.9            | 45.0         | 11.4               | 0              | 4              | 5              | 2              | 22             | 37             | 26             | 17             | 6              | 6               | 0               | 3                |
| 16:00           | 104          | 51.4            | 43.8         | 7.3                | 0              | 1              | 1              | 4              | 18             | 41             | 25             | 9              | 3              | 1               | 1               | 0                |
| 17:00           | 107          | 55.9            | 45.5         | 10.0               | 0              | 2              | 3              | 2              | 18             | 30             | 22             | 17             | 8              | 3               | 1               | 1                |
| 18:00           | 80           | 52.6            | 44.6         | 7.7                | 0              | 1              | 0              | 5              | 10             | 30             | 19             | 9              | 5              | 0               | 1               | 0                |
| 19:00           | 70           | 53.6            | 45.9         | 7.4                | 0              | 1              | 0              | 1              | 8              | 21             | 26             | 7              | 3              | 3               | 0               | 0                |
| 20:00           | 47           | 52.8            | 43.5         | 8.9                | 0              | 0              | 3              | 2              | 13             | 8              | 12             | 5              | 2              | 2               | 0               | 0                |
| 21:00           | 30           | 52.2            | 44.1         | 7.9                | 0              | 0              | 2              | 1              | 3              | 9              | 11             | 3              | 0              | 1               | 0               | 0                |
| 22:00           | 13           | 50.5            | 41.2         | 9.0                | 0              | 1              | 0              | 0              | 3              | 5              | 3              | 1              | 0              | 0               | 0               | 0                |
| 23:00           | 5            | 55.3            | 48.5         | 6.5                | 0              | 0              | 0              | 0              | 0              | 2              | 1              | 1              | 1              | 0               | 0               | 0                |
| Total 2H(10-12) | 365          | 48.4            | 37.8         | 10.2               | 0              | 26             | 36             | 52             | 84             | 97             | 44             | 13             | 10             | 2               | 0               | 1                |
| 2H(14-16)       | 272          | 54.8            | 44.2         | 10.3               | 0              | 5              | 11             | 12             | 48             | 84             | 57             | 31             | 12             | 7               | 0               | 5                |
| 12H(7-19)       | 1552         | 52.0            | 41.6         | 10.1               | 0              | 57             | 88             | 144            | 300            | 452            | 288            | 132            | 53             | 23              | 6               | 9                |
| 24H(0-24)       | 1869         | 52.0            | 41.6         | 10.1               | 1              | 64             | 115            | 173            | 361            | 528            | 355            | 161            | 63             | 32              | 6               | 10               |
| AM Peak         | 11:00        | 05:00           | 05:00        | 06:00              | 00:00          | 11:00          | 10:00          | 11:00          | 10:00          | 11:00          | 10:00          | 09:00          | 10:00          | 09:00           | 08:00           | 06:00            |
|                 | 184          | 55.7            | 45.0         | 11.9               | 1              | 17             | 18             | 31             | 44             | 51             | 30             | 11             | 8              | 3               | 1               | 1                |
| PM Peak         | 12:00        | 15:00           | 23:00        | 15:00              | 12:00          | 12:00          | 12:00          | 12:00          | 13:00          | 13:00          | 15:00          | 17:00          | 15:00          | 13:00           | 13:00           | 15:00            |
|                 | 168          | 56.9            | 48.5         | 11.4               | 0              | 9              | 11             | 15             | 32             | 48             | 40             | 17             | 8              | 6               | 2               | 3                |

Barkway ATC, London Road

Direction: Northbound

15/06/2026

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average  | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|---------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 3            | 57.1            | 49.2          | 7.6                | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 0           | 0            | 0            | 0           |
| 01:00           | 1            | -               | 52.5          | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0            | 0            | 0           |
| 02:00           | 0            | -               | -             | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 03:00           | 1            | -               | 65.0          | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1            | 0            | 0           |
| 04:00           | 2            | 69.1            | 56.3          | 12.4               | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1            | 0            | 0           |
| 05:00           | 16           | 55.8            | 47.7          | 7.9                | 0            | 0           | 0           | 1           | 1           | 4           | 4           | 4           | 1           | 1            | 0            | 0           |
| 06:00           | 33           | 56.2            | 49.5          | 6.4                | 0            | 0           | 0           | 0           | 1           | 8           | 10          | 6           | 7           | 1            | 0            | 0           |
| 07:00           | 85           | 51.7            | 44.1          | 7.2                | 0            | 1           | 0           | 5           | 16          | 26          | 20          | 13          | 3           | 1            | 0            | 0           |
| 08:00           | 90           | 50.9            | 44.0          | 6.7                | 0            | 0           | 3           | 2           | 17          | 28          | 25          | 11          | 4           | 0            | 0            | 0           |
| 09:00           | 76           | 50.1            | 43.0          | 6.8                | 0            | 0           | 1           | 8           | 16          | 24          | 14          | 10          | 3           | 0            | 0            | 0           |
| 10:00           | 55           | 50.3            | 43.7          | 6.4                | 0            | 0           | 1           | 3           | 7           | 25          | 15          | 2           | 2           | 1            | 0            | 0           |
| 11:00           | 64           | 50.5            | 44.1          | 6.2                | 0            | 0           | 0           | 2           | 15          | 24          | 11          | 8           | 4           | 0            | 0            | 0           |
| 12:00           | 49           | 49.6            | 43.3          | 6.1                | 0            | 0           | 0           | 5           | 6           | 23          | 8           | 5           | 2           | 0            | 0            | 0           |
| 13:00           | 58           | 48.2            | 42.2          | 5.8                | 0            | 0           | 1           | 2           | 17          | 24          | 9           | 3           | 2           | 0            | 0            | 0           |
| 14:00           | 63           | 49.1            | 40.9          | 8.0                | 0            | 2           | 3           | 5           | 14          | 18          | 17          | 4           | 0           | 0            | 0            | 0           |
| 15:00           | 78           | 48.9            | 43.6          | 5.1                | 0            | 0           | 1           | 3           | 11          | 32          | 25          | 6           | 0           | 0            | 0            | 0           |
| 16:00           | 78           | 52.7            | 45.2          | 7.2                | 0            | 0           | 1           | 3           | 14          | 22          | 21          | 8           | 8           | 1            | 0            | 0           |
| 17:00           | 89           | 53.4            | 46.4          | 6.8                | 0            | 0           | 0           | 5           | 10          | 18          | 35          | 12          | 7           | 2            | 0            | 0           |
| 18:00           | 41           | 57.3            | 49.6          | 7.4                | 0            | 0           | 0           | 0           | 4           | 8           | 9           | 11          | 6           | 3            | 0            | 0           |
| 19:00           | 62           | 55.0            | 48.2          | 6.5                | 0            | 0           | 0           | 1           | 7           | 9           | 21          | 15          | 8           | 1            | 0            | 0           |
| 20:00           | 15           | 55.1            | 44.0          | 10.7               | 0            | 0           | 2           | 0           | 3           | 3           | 2           | 4           | 0           | 1            | 0            | 0           |
| 21:00           | 21           | 60.0            | 49.0          | 10.6               | 0            | 0           | 0           | 0           | 4           | 3           | 6           | 4           | 3           | 0            | 0            | 1           |
| 22:00           | 11           | 61.6            | 49.8          | 11.4               | 0            | 0           | 0           | 0           | 1           | 4           | 3           | 0           | 1           | 1            | 1            | 0           |
| 23:00           | 5            | 62.1            | 52.0          | 9.7                | 0            | 0           | 0           | 0           | 0           | 2           | 0           | 1           | 1           | 1            | 0            | 0           |
| Total 2H(10-12) | 120          | 50.3            | 43.9          | 6.2                | 0            | 0           | 1           | 5           | 22          | 49          | 26          | 10          | 6           | 1            | 0            | 0           |
| 2H(14-16)       | 141          | 49.3            | 42.4          | 6.7                | 0            | 2           | 4           | 8           | 25          | 50          | 42          | 10          | 0           | 0            | 0            | 0           |
| 12H(7-19)       | 827          | 51.3            | 44.1          | 6.9                | 0            | 3           | 11          | 43          | 147         | 272         | 209         | 93          | 41          | 8            | 0            | 0           |
| 24H(0-24)       | 997          | 52.5            | 44.9          | 7.3                | 0            | 3           | 13          | 45          | 164         | 306         | 257         | 128         | 63          | 16           | 1            | 1           |
| AM Peak         | 08:00<br>90  | 04:00<br>69.1   | 03:00<br>65.0 | 04:00<br>12.4      | 00:00<br>0   | 07:00<br>1  | 08:00<br>3  | 09:00<br>8  | 08:00<br>17 | 08:00<br>28 | 08:00<br>25 | 07:00<br>13 | 06:00<br>7  | 03:00<br>1   | 00:00<br>0   | 00:00<br>0  |
| PM Peak         | 17:00<br>89  | 23:00<br>62.1   | 23:00<br>52.0 | 22:00<br>11.4      | 12:00<br>0   | 14:00<br>2  | 13:00<br>3  | 12:00<br>5  | 13:00<br>17 | 15:00<br>32 | 17:00<br>35 | 19:00<br>15 | 16:00<br>8  | 18:00<br>3   | 22:00<br>1   | 21:00<br>1  |

Paul Castle Associates

Direction: Southbound

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average  | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|---------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 2            | 81.4            | 61.3          | 19.4               | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0            | 1            | 0           |
| 01:00           | 0            | -               | -             | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 02:00           | 1            | -               | 47.5          | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0            | 0            | 0           |
| 03:00           | 2            | 53.7            | 50.0          | 3.5                | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 1           | 0           | 0            | 0            | 0           |
| 04:00           | 4            | 63.6            | 53.1          | 10.1               | 0            | 0           | 0           | 0           | 0           | 1           | 1           | 0           | 1           | 1            | 0            | 0           |
| 05:00           | 13           | 56.1            | 43.5          | 12.2               | 0            | 0           | 1           | 2           | 4           | 0           | 3           | 1           | 0           | 2            | 0            | 0           |
| 06:00           | 39           | 55.4            | 46.1          | 8.9                | 0            | 0           | 1           | 1           | 10          | 4           | 10          | 9           | 3           | 0            | 1            | 0           |
| 07:00           | 101          | 47.04           | 44.3          | 5.0                | 0            | 0           | 0           | 3           | 14          | 42          | 29          | 12          | 1           | 0            | 0            | 0           |
| 08:00           | 92           | 51.2            | 44.9          | 6.1                | 0            | 0           | 0           | 2           | 17          | 30          | 29          | 9           | 3           | 2            | 0            | 0           |
| 09:00           | 58           | 49.0            | 42.4          | 6.4                | 0            | 0           | 2           | 3           | 14          | 20          | 13          | 5           | 1           | 0            | 0            | 0           |
| 10:00           | 68           | 48.3            | 42.9          | 5.2                | 0            | 0           | 0           | 3           | 17          | 25          | 18          | 4           | 1           | 0            | 0            | 0           |
| 11:00           | 60           | 47.6            | 41.8          | 5.7                | 0            | 0           | 0           | 8           | 14          | 21          | 14          | 2           | 1           | 0            | 0            | 0           |
| 12:00           | 65           | 47.4            | 41.2          | 6.0                | 0            | 0           | 1           | 9           | 15          | 27          | 9           | 2           | 2           | 0            | 0            | 0           |
| 13:00           | 73           | 48.7            | 42.0          | 7.5                | 0            | 2           | 2           | 2           | 18          | 25          | 18          | 4           | 2           | 0            | 0            | 0           |
| 14:00           | 79           | 48.7            | 43.2          | 5.4                | 0            | 0           | 0           | 3           | 19          | 32          | 15          | 9           | 1           | 0            | 0            | 0           |
| 15:00           | 97           | 48.8            | 43.4          | 5.2                | 0            | 0           | 0           | 3           | 21          | 42          | 20          | 9           | 2           | 0            | 0            | 0           |
| 16:00           | 110          | 52.7            | 46.2          | 6.3                | 0            | 0           | 0           | 2           | 13          | 34          | 34          | 20          | 6           | 0            | 1            | 0           |
| 17:00           | 100          | 53.0            | 46.2          | 6.6                | 0            | 0           | 0           | 3           | 11          | 34          | 26          | 16          | 8           | 2            | 0            | 0           |
| 18:00           | 54           | 53.9            | 47.2          | 6.5                | 0            | 0           | 0           | 1           | 4           | 18          | 11          | 17          | 1           | 2            | 0            | 0           |
| 19:00           | 39           | 54.6            | 45.1          | 9.2                | 0            | 1           | 1           | 1           | 6           | 8           | 13          | 6           | 1           | 2            | 0            | 0           |
| 20:00           | 26           | 58.8            | 47.3          | 11.1               | 1            | 0           | 0           | 1           | 2           | 3           | 10          | 4           | 3           | 2            | 0            | 0           |
| 21:00           | 16           | 50.4            | 43.8          | 6.5                | 0            | 0           | 0           | 1           | 4           | 5           | 2           | 4           | 0           | 0            | 0            | 0           |
| 22:00           | 11           | 56.1            | 48.6          | 7.2                | 0            | 0           | 0           | 0           | 0           | 4           | 4           | 1           | 1           | 1            | 0            | 0           |
| 23:00           | 5            | 50.8            | 46.5          | 4.2                | 0            | 0           | 0           | 0           | 0           | 2           | 2           | 1           | 0           | 0            | 0            | 0           |
| Total 2H(10-12) | 128          | 48.0            | 42.4          | 5.4                | 0            | 0           | 0           | 11          | 31          | 46          | 32          | 6           | 2           | 0            | 0            | 0           |
| 2H(14-16)       | 176          | 48.7            | 43.3          | 5.3                | 0            | 0           | 0           | 6           | 40          | 74          | 35          | 18          | 3           | 0            | 0            | 0           |
| 12H(7-19)       | 957          | 50.4            | 44.0          | 6.2                | 0            | 2           | 5           | 42          | 177         | 350         | 236         | 109         | 29          | 6            | 1            | 0           |
| 24H(0-24)       | 1115         | 51.4            | 44.3          | 6.8                | 1            | 3           | 8           | 48          | 203         | 377         | 284         | 136         | 38          | 14           | 3            | 0           |
| AM Peak         | 07:00<br>101 | 00:00<br>81.4   | 00:00<br>61.3 | 00:00<br>19.4      | 00:00<br>0   | 00:00<br>0  | 09:00<br>2  | 11:00<br>8  | 08:00<br>17 | 07:00<br>42 | 07:00<br>29 | 07:00<br>12 | 06:00<br>3  | 05:00<br>2   | 00:00<br>1   | 00:00<br>0  |
| PM Peak         | 16:00<br>110 | 20:00<br>58.8   | 22:00<br>48.6 | 20:00<br>11.1      | 20:00<br>1   | 13:00<br>2  | 13:00<br>2  | 12:00<br>9  | 15:00<br>21 | 15:00<br>42 | 16:00<br>34 | 16:00<br>20 | 17:00<br>8  | 17:00<br>2   | 16:00<br>1   | 12:00<br>0  |

Paul Castle Associates

Direction: Total Flow

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average  | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|---------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 5            | 67.4            | 54.0          | 12.9               | 0            | 0           | 0           | 0           | 0           | 1           | 2           | 0           | 1           | 0            | 1            | 0           |
| 01:00           | 1            | -               | 52.5          | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0            | 0            | 0           |
| 02:00           | 1            | -               | 47.5          | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0            | 0            | 0           |
| 03:00           | 3            | 64.3            | 55.0          | 9.0                | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 1           | 0           | 1            | 0            | 0           |
| 04:00           | 6            | 64.2            | 54.2          | 9.7                | 0            | 0           | 0           | 0           | 0           | 1           | 2           | 0           | 1           | 2            | 0            | 0           |
| 05:00           | 29           | 56.2            | 45.8          | 10.1               | 0            | 0           | 1           | 3           | 5           | 4           | 7           | 5           | 1           | 3            | 0            | 0           |
| 06:00           | 72           | 56.0            | 47.7          | 8.0                | 0            | 0           | 1           | 1           | 11          | 12          | 20          | 15          | 10          | 1            | 1            | 0           |
| 07:00           | 186          | 50.5            | 44.2          | 6.1                | 0            | 1           | 0           | 8           | 30          | 68          | 49          | 25          | 4           | 1            | 0            | 0           |
| 08:00           | 182          | 51.1            | 44.5          | 6.4                | 0            | 0           | 3           | 4           | 34          | 58          | 54          | 20          | 7           | 2            | 0            | 0           |
| 09:00           | 134          | 49.6            | 42.7          | 6.6                | 0            | 0           | 3           | 11          | 30          | 44          | 27          | 15          | 4           | 0            | 0            | 0           |
| 10:00           | 124          | 49.2            | 43.3          | 5.7                | 0            | 0           | 1           | 6           | 24          | 50          | 33          | 6           | 3           | 1            | 0            | 0           |
| 11:00           | 124          | 49.2            | 42.9          | 6.0                | 0            | 0           | 0           | 10          | 29          | 45          | 25          | 10          | 5           | 0            | 0            | 0           |
| 12:00           | 114          | 48.4            | 42.1          | 6.1                | 0            | 0           | 1           | 14          | 21          | 50          | 17          | 7           | 4           | 0            | 0            | 0           |
| 13:00           | 131          | 49.1            | 42.1          | 6.8                | 0            | 2           | 3           | 4           | 35          | 49          | 27          | 7           | 4           | 0            | 0            | 0           |
| 14:00           | 142          | 49.1            | 42.2          | 6.7                | 0            | 2           | 3           | 8           | 33          | 50          | 32          | 13          | 1           | 0            | 0            | 0           |
| 15:00           | 175          | 48.8            | 43.5          | 5.2                | 0            | 0           | 1           | 6           | 32          | 74          | 45          | 15          | 2           | 0            | 0            | 0           |
| 16:00           | 188          | 52.7            | 45.8          | 6.7                | 0            | 0           | 1           | 5           | 27          | 56          | 55          | 28          | 14          | 1            | 1            | 0           |
| 17:00           | 189          | 53.2            | 46.3          | 6.7                | 0            | 0           | 0           | 8           | 21          | 52          | 61          | 28          | 15          | 4            | 0            | 0           |
| 18:00           | 95           | 55.5            | 48.3          | 7.0                | 0            | 0           | 0           | 1           | 8           | 26          | 20          | 28          | 7           | 5            | 0            | 0           |
| 19:00           | 101          | 55.0            | 47.0          | 7.8                | 0            | 1           | 1           | 2           | 13          | 17          | 34          | 21          | 9           | 3            | 0            | 0           |
| 20:00           | 41           | 57.4            | 46.1          | 10.9               | 1            | 0           | 2           | 1           | 5           | 6           | 12          | 8           | 3           | 3            | 0            | 0           |
| 21:00           | 37           | 56.4            | 46.8          | 9.3                | 0            | 0           | 0           | 1           | 8           | 8           | 8           | 8           | 3           | 0            | 0            | 1           |
| 22:00           | 22           | 58.9            | 49.2          | 9.3                | 0            | 0           | 0           | 0           | 1           | 8           | 7           | 1           | 2           | 2            | 1            | 0           |
| 23:00           | 10           | 57.2            | 48.3          | 7.6                | 0            | 0           | 0           | 0           | 0           | 4           | 2           | 2           | 1           | 1            | 0            | 0           |
| Total 2H(10-12) | 248          | 49.2            | 43.1          | 5.9                | 0            | 0           | 1           | 16          | 53          | 95          | 58          | 16          | 8           | 1            | 0            | 0           |
| 2H(14-16)       | 317          | 49.0            | 42.9          | 5.9                | 0            | 2           | 4           | 14          | 65          | 124         | 77          | 28          | 3           | 0            | 0            | 0           |
| 12H(7-19)       | 1784         | 50.8            | 44.0          | 6.5                | 0            | 5           | 16          | 85          | 324         | 622         | 445         | 202         | 70          | 14           | 1            | 0           |
| 24H(0-24)       | 2112         | 51.9            | 44.6          | 7.1                | 1            | 6           | 21          | 93          | 367         | 683         | 541         | 264         | 101         | 30           | 4            | 1           |
| AM Peak         | 07:00<br>186 | 00:00<br>67.4   | 03:00<br>55.0 | 00:00<br>12.9      | 00:00<br>0   | 07:00<br>1  | 08:00<br>3  | 09:00<br>11 | 08:00<br>34 | 07:00<br>68 | 08:00<br>54 | 07:00<br>25 | 06:00<br>10 | 05:00<br>3   | 00:00<br>1   | 00:00<br>0  |
| PM Peak         | 17:00<br>189 | 22:00<br>58.9   | 23:00<br>49.3 | 20:00<br>10.9      | 20:00<br>1   | 13:00<br>2  | 13:00<br>3  | 12:00<br>14 | 13:00<br>35 | 15:00<br>74 | 16:00<br>61 | 17:00<br>28 | 16:00<br>15 | 18:00<br>5   | 18:00<br>1   | 21:00<br>1  |

Barkway ATC, London Road

| 16/06/2026            |              |                 |              |                    |              |             |             |             |             |             |             |             |             |              |              |             |  |
|-----------------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|--|
| Direction: Northbound |              |                 |              |                    |              |             |             |             |             |             |             |             |             |              |              |             |  |
| Hour Beginning        | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |  |
| 00:00                 | 3            | 48.7            | 40.8         | 7.6                | 0            | 0           | 0           | 1           | 0           | 1           | 0           | 0           | 0           | 0            | 0            | 0           |  |
| 01:00                 | 2            | 53.7            | 50.0         | 3.5                | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 1           | 0           | 0            | 0            | 0           |  |
| 02:00                 | 2            | 51.0            | 40.0         | 10.6               | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0            | 0            | 0           |  |
| 03:00                 | 2            | 54.8            | 47.5         | 7.1                | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 0           | 0            | 0            | 0           |  |
| 04:00                 | 1            | -               | 65.0         | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 1            | 0           |  |
| 05:00                 | 10           | 57.9            | 49.3         | 8.3                | 0            | 0           | 0           | 0           | 1           | 3           | 1           | 3           | 1           | 1            | 1            | 0           |  |
| 06:00                 | 37           | 56.1            | 48.0         | 7.8                | 0            | 0           | 0           | 1           | 5           | 7           | 10          | 7           | 5           | 2            | 0            | 0           |  |
| 07:00                 | 78           | 55.1            | 46.9         | 7.9                | 0            | 2           | 0           | 0           | 8           | 12          | 35          | 15          | 3           | 3            | 0            | 0           |  |
| 08:00                 | 107          | 51.8            | 45.0         | 6.6                | 0            | 0           | 0           | 8           | 15          | 31          | 29          | 19          | 4           | 1            | 0            | 0           |  |
| 09:00                 | 115          | 49.3            | 43.0         | 6.0                | 0            | 0           | 0           | 6           | 30          | 43          | 26          | 5           | 3           | 2            | 0            | 0           |  |
| 10:00                 | 66           | 50.2            | 41.1         | 8.7                | 0            | 3           | 1           | 9           | 10          | 23          | 12          | 6           | 2           | 0            | 0            | 0           |  |
| 11:00                 | 78           | 51.6            | 43.3         | 8.0                | 0            | 1           | 3           | 1           | 18          | 26          | 16          | 9           | 2           | 2            | 0            | 0           |  |
| 12:00                 | 65           | 50.7            | 44.2         | 6.3                | 0            | 0           | 0           | 2           | 14          | 25          | 12          | 9           | 2           | 1            | 0            | 0           |  |
| 13:00                 | 55           | 52.8            | 44.6         | 7.8                | 0            | 0           | 0           | 4           | 11          | 19          | 9           | 7           | 2           | 3            | 0            | 0           |  |
| 14:00                 | 46           | 52.9            | 44.1         | 8.4                | 0            | 1           | 0           | 1           | 11          | 13          | 12          | 6           | 1           | 0            | 1            | 0           |  |
| 15:00                 | 66           | 52.7            | 45.9         | 6.6                | 0            | 0           | 0           | 0           | 11          | 22          | 21          | 4           | 6           | 2            | 0            | 0           |  |
| 16:00                 | 98           | 49.6            | 41.6         | 7.8                | 0            | 2           | 5           | 6           | 22          | 28          | 27          | 6           | 2           | 0            | 0            | 0           |  |
| 17:00                 | 95           | 51.7            | 44.5         | 7.0                | 0            | 0           | 0           | 0           | 34          | 21          | 18          | 17          | 2           | 3            | 0            | 0           |  |
| 18:00                 | 55           | 55.4            | 50.0         | 5.2                | 0            | 0           | 0           | 0           | 0           | 8           | 23          | 16          | 6           | 2            | 0            | 0           |  |
| 19:00                 | 34           | 56.8            | 48.5         | 8.0                | 0            | 0           | 1           | 0           | 2           | 8           | 10          | 6           | 5           | 2            | 0            | 0           |  |
| 20:00                 | 19           | 57.8            | 47.9         | 9.5                | 0            | 0           | 1           | 0           | 1           | 6           | 4           | 3           | 2           | 2            | 0            | 0           |  |
| 21:00                 | 15           | 58.3            | 48.2         | 9.7                | 0            | 0           | 1           | 0           | 1           | 3           | 4           | 2           | 3           | 1            | 0            | 0           |  |
| 22:00                 | 4            | 51.7            | 45.0         | 6.5                | 0            | 0           | 0           | 0           | 1           | 1           | 1           | 1           | 0           | 0            | 0            | 0           |  |
| 23:00                 | 7            | 47.5            | 39.6         | 7.6                | 0            | 0           | 0           | 2           | 3           | 0           | 1           | 1           | 0           | 0            | 0            | 0           |  |
| Total 2H(10-12)       | 144          | 51.0            | 42.3         | 8.4                | 0            | 4           | 4           | 10          | 28          | 49          | 28          | 15          | 4           | 2            | 0            | 0           |  |
| 2H(14-16)             | 112          | 52.8            | 45.2         | 7.4                | 0            | 1           | 0           | 1           | 22          | 35          | 33          | 10          | 7           | 2            | 1            | 0           |  |
| 12H(7-19)             | 924          | 52.0            | 44.3         | 7.5                | 0            | 9           | 9           | 37          | 184         | 271         | 240         | 119         | 35          | 19           | 1            | 0           |  |
| 24H(0-24)             | 1060         | 52.7            | 44.7         | 7.7                | 0            | 9           | 12          | 42          | 198         | 301         | 274         | 144         | 51          | 28           | 1            | 0           |  |
| AM Peak               | 09:00        | 05:00           | 04:00        | 02:00              | 00:00        | 10:00       | 11:00       | 10:00       | 09:00       | 08:00       | 07:00       | 08:00       | 06:00       | 07:00        | 00:00        | 00:00       |  |
|                       | 115          | 57.9            | 65.0         | 10.6               | 0            | 3           | 3           | 9           | 30          | 43          | 35          | 19          | 5           | 3            | 0            | 0           |  |
| PM Peak               | 16:00        | 21:00           | 18:00        | 21:00              | 12:00        | 16:00       | 16:00       | 16:00       | 17:00       | 16:00       | 17:00       | 15:00       | 13:00       | 14:00        | 12:00        | 0           |  |
|                       | 98           | 58.3            | 50.0         | 9.7                | 0            | 2           | 5           | 6           | 34          | 28          | 27          | 17          | 6           | 3            | 1            | 0           |  |

Paul Castle Associates

| Direction: Southbound |              |                 |              |                    |              |             |             |             |             |             |             |             |             |              |              |             |  |
|-----------------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|--|
| Hour Beginning        | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |  |
| 00:00                 | 3            | 38.2            | 31.7         | 6.3                | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |  |
| 01:00                 | 1            | -               | 57.5         | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |  |
| 02:00                 | 0            | -               | -            | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |  |
| 03:00                 | 2            | 48.7            | 45.0         | 3.5                | 0            | 0           | 0           | 0           | 0           | 1           | 1           | 0           | 0           | 0            | 0            | 0           |  |
| 04:00                 | 7            | 53.8            | 48.2         | 5.3                | 0            | 0           | 0           | 0           | 0           | 2           | 3           | 1           | 1           | 0            | 0            | 0           |  |
| 05:00                 | 10           | 62.3            | 49.8         | 12.1               | 0            | 0           | 0           | 0           | 4           | 0           | 1           | 2           | 0           | 3            | 0            | 0           |  |
| 06:00                 | 34           | 56.9            | 48.6         | 8.0                | 0            | 0           | 0           | 1           | 3           | 8           | 8           | 8           | 3           | 3            | 0            | 0           |  |
| 07:00                 | 107          | 53.9            | 46.3         | 7.4                | 0            | 0           | 1           | 2           | 14          | 33          | 31          | 15          | 7           | 3            | 1            | 0           |  |
| 08:00                 | 126          | 51.2            | 44.0         | 7.0                | 0            | 0           | 4           | 8           | 18          | 36          | 43          | 12          | 3           | 2            | 0            | 0           |  |
| 09:00                 | 54           | 50.6            | 43.8         | 6.7                | 0            | 1           | 0           | 2           | 9           | 18          | 17          | 6           | 1           | 0            | 0            | 0           |  |
| 10:00                 | 68           | 53.6            | 44.7         | 8.6                | 0            | 0           | 3           | 1           | 14          | 19          | 19          | 5           | 4           | 2            | 1            | 0           |  |
| 11:00                 | 74           | 49.9            | 43.0         | 6.7                | 0            | 0           | 1           | 6           | 18          | 21          | 20          | 5           | 2           | 1            | 0            | 0           |  |
| 12:00                 | 61           | 51.4            | 42.2         | 8.9                | 0            | 0           | 3           | 6           | 16          | 19          | 10          | 3           | 1           | 2            | 1            | 0           |  |
| 13:00                 | 87           | 50.1            | 42.6         | 7.2                | 0            | 0           | 3           | 12          | 10          | 31          | 18          | 10          | 3           | 0            | 0            | 0           |  |
| 14:00                 | 89           | 50.9            | 44.7         | 6.0                | 0            | 0           | 0           | 2           | 15          | 36          | 20          | 11          | 4           | 1            | 0            | 0           |  |
| 15:00                 | 88           | 50.8            | 43.8         | 6.7                | 0            | 0           | 2           | 4           | 20          | 21          | 27          | 12          | 1           | 1            | 0            | 0           |  |
| 16:00                 | 133          | 51.3            | 44.2         | 6.8                | 0            | 0           | 2           | 4           | 31          | 38          | 34          | 17          | 5           | 2            | 0            | 0           |  |
| 17:00                 | 134          | 52.4            | 45.8         | 6.4                | 0            | 0           | 1           | 3           | 17          | 40          | 42          | 22          | 7           | 2            | 0            | 0           |  |
| 18:00                 | 71           | 56.8            | 47.6         | 8.9                | 0            | 0           | 2           | 0           | 9           | 15          | 24          | 10          | 6           | 3            | 2            | 0           |  |
| 19:00                 | 35           | 51.8            | 44.7         | 6.9                | 0            | 0           | 1           | 0           | 8           | 10          | 6           | 9           | 1           | 0            | 0            | 0           |  |
| 20:00                 | 28           | 52.7            | 46.3         | 6.2                | 0            | 0           | 0           | 0           | 5           | 7           | 9           | 4           | 3           | 0            | 0            | 0           |  |
| 21:00                 | 16           | 55.7            | 45.9         | 9.4                | 0            | 0           | 0           | 1           | 4           | 3           | 4           | 2           | 0           | 2            | 0            | 0           |  |
| 22:00                 | 12           | 56.9            | 46.7         | 9.9                | 0            | 0           | 1           | 0           | 0           | 5           | 2           | 2           | 1           | 1            | 0            | 0           |  |
| 23:00                 | 10           | 52.7            | 44.3         | 8.2                | 0            | 0           | 0           | 0           | 3           | 4           | 2           | 0           | 0           | 1            | 0            | 0           |  |
| Total 2H(10-12)       | 142          | 51.8            | 43.8         | 7.7                | 0            | 0           | 4           | 7           | 32          | 40          | 39          | 10          | 6           | 3            | 1            | 0           |  |
| 2H(14-16)             | 177          | 50.9            | 44.3         | 6.4                | 0            | 0           | 2           | 6           | 35          | 57          | 47          | 23          | 5           | 2            | 0            | 0           |  |
| 12H(7-19)             | 1092         | 52.1            | 44.5         | 7.3                | 0            | 1           | 22          | 50          | 191         | 327         | 305         | 128         | 44          | 19           | 5            | 0           |  |
| 24H(0-24)             | 1250         | 52.5            | 44.7         | 7.4                | 0            | 1           | 25          | 53          | 219         | 367         | 341         | 156         | 54          | 29           | 5            | 0           |  |
| AM Peak               | 08:00        | 05:00           | 01:00        | 05:00              | 00:00        | 09:00       | 08:00       | 08:00       | 08:00       | 08:00       | 08:00       | 07:00       | 07:00       | 05:00        | 07:00        | 00:00       |  |
|                       | 126          | 62.3            | 57.5         | 12.1               | 0            | 1           | 4           | 8           | 18          | 36          | 43          | 15          | 7           | 3            | 1            | 0           |  |
| PM Peak               | 17:00        | 22:00           | 18:00        | 22:00              | 12:00        | 12:00       | 12:00       | 13:00       | 16:00       | 17:00       | 17:00       | 17:00       | 17:00       | 18:00        | 18:00        | 12:00       |  |
|                       | 134          | 56.9            | 47.6         | 9.9                | 0            | 0           | 3           | 12          | 31          | 40          | 42          | 22          | 7           | 3            | 2            | 0           |  |

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| Direction: Total Flow |              |                 |              |                    |              |             |             |             |             |             |             |             |             |              |              |             |  |
|-----------------------|--------------|-----------------|--------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|--|
| Hour Beginning        | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |  |
| 00:00                 | 6            | 44.6            | 36.3         | 8.0                | 0            | 0           | 1           | 2           | 1           | 1           | 1           | 0           | 0           | 0            | 0            | 0           |  |
| 01:00                 | 3            | 57.7            | 52.5         | 5.0                | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 1           | 1           | 0            | 0            | 0           |  |
| 02:00                 | 2            | 51.0            | 40.0         | 10.6               | 0            | 0           | 0           | 1           | 0           | 0           | 1           | 0           | 0           | 0            | 0            | 0           |  |
| 03:00                 | 4            | 51.2            | 46.3         | 4.8                | 0            | 0           | 0           | 0           | 0           | 2           | 1           | 1           | 0           | 0            | 0            | 0           |  |
| 04:00                 | 8            | 58.3            | 50.3         | 7.7                | 0            | 0           | 0           | 0           | 0           | 2           | 3           | 1           | 1           | 1            | 0            | 0           |  |
| 05:00                 | 20           | 60.0            | 49.5         | 10.1               | 0            | 0           | 0           | 0           | 5           | 3           | 2           | 5           | 1           | 4            | 0            | 0           |  |
| 06:00                 | 71           | 56.4            | 48.3         | 7.8                | 0            | 0           | 0           | 2           | 8           | 15          | 18          | 15          | 8           | 5            | 0            | 0           |  |
| 07:00                 | 185          | 54.4            | 46.5         | 7.6                | 0            | 2           | 1           | 2           | 22          | 45          | 66          | 30          | 10          | 6            | 1            | 0           |  |
| 08:00                 | 233          | 51.5            | 44.4         | 6.8                | 0            | 0           | 4           | 16          | 33          | 67          | 72          | 31          | 7           | 3            | 0            | 0           |  |
| 09:00                 | 169          | 49.7            | 43.3         | 6.2                | 0            | 1           | 0           | 8           | 39          | 61          | 43          | 11          | 4           | 2            | 0            | 0           |  |
| 10:00                 | 134          | 52.1            | 42.9         | 8.8                | 0            | 3           | 4           | 10          | 24          | 42          | 31          | 11          | 6           | 2            | 1            | 0           |  |
| 11:00                 | 152          | 50.8            | 43.2         | 7.4                | 0            | 1           | 4           | 7           | 36          | 47          | 36          | 14          | 4           | 3            | 0            | 0           |  |
| 12:00                 | 126          | 51.2            | 43.2         | 7.7                | 0            | 0           | 3           | 8           | 30          | 44          | 22          | 12          | 3           | 3            | 1            | 0           |  |
| 13:00                 | 142          | 51.2            | 43.4         | 7.5                | 0            | 0           | 3           | 16          | 21          | 50          | 27          | 17          | 5           | 3            | 0            | 0           |  |
| 14:00                 | 135          | 51.6            | 44.5         | 6.9                | 0            | 1           | 0           | 3           | 26          | 49          | 32          | 17          | 5           | 1            | 1            | 0           |  |
| 15:00                 | 154          | 51.7            | 44.7         | 6.7                | 0            | 0           | 2           | 4           | 31          | 43          | 48          | 16          | 7           | 3            | 0            | 0           |  |
| 16:00                 | 231          | 50.7            | 43.1         | 7.3                | 0            | 2           | 7           | 10          | 53          | 66          | 61          | 23          | 7           | 2            | 0            | 0           |  |
| 17:00                 | 229          | 52.2            | 45.3         | 6.6                | 0            | 0           | 1           | 3           | 51          | 61          | 60          | 39          | 9           | 5            | 0            | 0           |  |
| 18:00                 | 126          | 56.5            | 48.6         | 7.6                | 0            | 0           | 2           | 0           | 9           | 23          | 47          | 26          | 12          | 5            | 2            | 0           |  |
| 19:00                 | 69           | 54.5            | 46.6         | 7.7                | 0            | 0           | 2           | 0           | 10          | 18          | 16          | 15          | 6           | 2            | 0            | 0           |  |
| 20:00                 | 47           | 54.9            | 46.9         | 7.7                | 0            | 0           | 1           | 0           | 6           | 13          | 13          | 7           | 5           | 2            | 0            | 0           |  |
| 21:00                 | 31           | 56.8            | 47.0         | 9.5                | 0            | 0           | 1           | 1           | 5           | 6           | 8           | 4           | 3           | 2            | 0            | 0           |  |
| 22:00                 | 16           | 55.6            | 46.3         | 9.0                | 0            | 0           | 1           | 0           | 1           | 6           | 3           | 3           | 1           | 1            | 0            | 0           |  |
| 23:00                 | 17           | 50.7            | 42.4         | 8.0                | 0            | 0           | 0           | 2           | 6           | 4           | 3           | 1           | 0           | 1            | 0            | 0           |  |
| Total 2H(10-12)       | 286          | 51.4            | 43.1         | 8.1                | 0            | 4           | 8           | 17          | 60          | 89          | 67          | 25          | 10          | 5            | 1            | 0           |  |
| Total 2H(14-16)       | 289          | 51.7            | 44.6         | 6.8                | 0            | 1           | 2           | 7           | 57          | 92          | 80          | 33          | 12          | 4            | 1            | 0           |  |
| Total 2H(17-19)       | 2016         | 52.1            | 44.4         | 7.4                | 0            | 10          | 31          | 87          | 375         | 598         | 545         | 247         | 79          | 38           | 6            | 0           |  |
| Total 24H(0-24)       | 2310         | 52.6            | 44.7         | 7.5                | 0            | 10          | 37          | 95          | 417         | 668         | 615         | 300         | 105         | 57           | 6            | 0           |  |
| AM Peak               | 08:00        | 05:00           | 01:00        | 02:00              | 00:00        | 10:00       | 08:00       | 08:00       | 09:00       | 08:00       | 08:00       | 08:00       | 07:00       | 07:00        | 07:00        | 00:00       |  |
|                       | 233          | 60.0            | 52.5         | 10.6               | 0            | 3           | 4           | 16          | 39          | 67          | 72          | 31          | 10          | 6            | 1            | 0           |  |
| PM Peak               | 16:00        | 21:00           | 18:00        | 21:00              | 12:00        | 16:00       | 16:00       | 13:00       | 16:00       | 16:00       | 16:00       | 17:00       | 18:00       | 17:00        | 18:00        | 12:00       |  |
|                       | 231          | 56.8            | 48.6         | 9.5                | 0            | 2           | 7           | 16          | 53          | 66          | 61          | 39          | 12          | 5            | 2            | 0           |  |

Barkway ATC, London Road

Direction: Northbound

17/06/2026

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average  | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|---------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 3            | 52.7            | 47.5          | 5.0                | 0            | 0           | 0           | 0           | 0           | 1           | 1           | 0           | 0           | 0            | 0            | 0           |
| 01:00           | 0            | -               | -             | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 02:00           | 0            | -               | -             | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 03:00           | 2            | 82.6            | 58.8          | 23.0               | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0            | 1            | 0           |
| 04:00           | 2            | 38.7            | 35.0          | 3.5                | 0            | 0           | 0           | 1           | 1           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 05:00           | 11           | 49.6            | 44.3          | 5.1                | 0            | 0           | 0           | 0           | 3           | 2           | 5           | 1           | 0           | 0            | 0            | 0           |
| 06:00           | 36           | 57.8            | 49.5          | 8.0                | 0            | 0           | 0           | 2           | 2           | 4           | 12          | 8           | 5           | 3            | 0            | 0           |
| 07:00           | 73           | 54.1            | 45.5          | 8.3                | 0            | 1           | 0           | 3           | 11          | 24          | 15          | 10          | 6           | 3            | 0            | 0           |
| 08:00           | 103          | 53.7            | 46.7          | 6.8                | 0            | 0           | 0           | 1           | 14          | 28          | 36          | 11          | 9           | 4            | 0            | 0           |
| 09:00           | 67           | 55.8            | 47.3          | 8.2                | 0            | 0           | 0           | 2           | 10          | 18          | 15          | 12          | 4           | 6            | 0            | 0           |
| 10:00           | 56           | 53.2            | 45.2          | 7.8                | 0            | 0           | 1           | 6           | 3           | 20          | 10          | 11          | 4           | 1            | 0            | 0           |
| 11:00           | 63           | 53.1            | 44.8          | 8.0                | 0            | 0           | 1           | 3           | 12          | 21          | 14          | 6           | 2           | 4            | 0            | 0           |
| 12:00           | 66           | 49.1            | 43.4          | 5.5                | 0            | 0           | 0           | 0           | 22          | 20          | 16          | 6           | 2           | 0            | 0            | 0           |
| 13:00           | 55           | 52.3            | 45.0          | 7.1                | 0            | 0           | 0           | 2           | 11          | 18          | 15          | 3           | 4           | 2            | 0            | 0           |
| 14:00           | 58           | 53.3            | 44.9          | 8.2                | 0            | 0           | 1           | 2           | 17          | 10          | 14          | 7           | 5           | 2            | 0            | 0           |
| 15:00           | 92           | 53.4            | 45.3          | 7.8                | 0            | 0           | 1           | 6           | 14          | 24          | 27          | 12          | 5           | 2            | 1            | 0           |
| 16:00           | 77           | 52.3            | 46.4          | 5.7                | 0            | 0           | 1           | 0           | 8           | 22          | 23          | 21          | 2           | 0            | 0            | 0           |
| 17:00           | 117          | 55.2            | 47.8          | 7.1                | 0            | 0           | 0           | 2           | 7           | 33          | 41          | 21          | 7           | 4            | 2            | 0           |
| 18:00           | 81           | 66.5            | 51.7          | 14.3               | 0            | 0           | 0           | 2           | 13          | 18          | 16          | 8           | 7           | 6            | 4            | 7           |
| 19:00           | 42           | 59.3            | 49.2          | 9.8                | 0            | 0           | 1           | 0           | 3           | 12          | 9           | 9           | 3           | 3            | 2            | 0           |
| 20:00           | 26           | 56.6            | 47.5          | 8.8                | 0            | 0           | 0           | 2           | 5           | 2           | 5           | 9           | 1           | 2            | 0            | 0           |
| 21:00           | 15           | 56.9            | 48.7          | 8.0                | 0            | 0           | 0           | 1           | 1           | 2           | 4           | 5           | 1           | 1            | 0            | 0           |
| 22:00           | 9            | 55.5            | 43.1          | 12.0               | 0            | 0           | 1           | 1           | 2           | 2           | 0           | 2           | 0           | 1            | 0            | 0           |
| 23:00           | 17           | 53.2            | 46.9          | 6.1                | 0            | 0           | 0           | 1           | 1           | 3           | 7           | 4           | 1           | 0            | 0            | 0           |
| Total 2H(10-12) | 119          | 53.1            | 45.0          | 7.9                | 0            | 0           | 2           | 9           | 15          | 41          | 24          | 17          | 6           | 5            | 0            | 0           |
| 2H(14-16)       | 150          | 53.4            | 45.2          | 7.9                | 0            | 0           | 2           | 8           | 31          | 34          | 41          | 19          | 10          | 4            | 1            | 0           |
| 12H(7-19)       | 908          | 55.1            | 46.4          | 8.4                | 0            | 1           | 5           | 29          | 142         | 256         | 242         | 128         | 57          | 34           | 7            | 7           |
| 24H(0-24)       | 1071         | 55.4            | 46.6          | 8.5                | 0            | 1           | 7           | 37          | 160         | 285         | 285         | 167         | 68          | 44           | 10           | 7           |
| AM Peak         | 08:00<br>103 | 03:00<br>82.6   | 03:00<br>58.8 | 03:00<br>23.0      | 00:00<br>0   | 07:00<br>1  | 10:00<br>1  | 10:00<br>6  | 08:00<br>14 | 08:00<br>28 | 08:00<br>36 | 08:00<br>12 | 09:00<br>9  | 08:00<br>6   | 03:00<br>1   | 00:00<br>0  |
| PM Peak         | 17:00<br>117 | 18:00<br>66.5   | 18:00<br>51.7 | 18:00<br>14.3      | 12:00<br>0   | 12:00<br>0  | 14:00<br>1  | 15:00<br>6  | 12:00<br>22 | 17:00<br>33 | 17:00<br>41 | 16:00<br>21 | 17:00<br>7  | 18:00<br>6   | 18:00<br>4   | 18:00<br>7  |

Paul Castle Associates

Direction: Southbound

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average  | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|---------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 3            | 64.4            | 50.0          | 13.9               | 0            | 0           | 0           | 0           | 1           | 0           | 1           | 0           | 0           | 1            | 0            | 0           |
| 01:00           | 0            | -               | -             | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 02:00           | 0            | -               | -             | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 03:00           | 0            | -               | -             | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 04:00           | 5            | 56.2            | 45.5          | 10.4               | 0            | 0           | 0           | 1           | 1           | 0           | 1           | 1           | 1           | 0            | 0            | 0           |
| 05:00           | 11           | 58.1            | 46.8          | 10.8               | 0            | 0           | 0           | 0           | 4           | 0           | 5           | 1           | 0           | 0            | 1            | 0           |
| 06:00           | 38           | 54.8            | 46.2          | 8.3                | 0            | 0           | 0           | 2           | 9           | 6           | 10          | 5           | 4           | 2            | 0            | 0           |
| 07:00           | 91           | 53.9            | 47.5          | 6.2                | 0            | 0           | 0           | 0           | 6           | 30          | 27          | 18          | 7           | 3            | 0            | 0           |
| 08:00           | 111          | 51.4            | 44.7          | 6.4                | 0            | 0           | 0           | 7           | 19          | 31          | 32          | 19          | 1           | 2            | 0            | 0           |
| 09:00           | 48           | 51.3            | 44.8          | 6.3                | 0            | 0           | 0           | 1           | 11          | 14          | 13          | 5           | 4           | 0            | 0            | 0           |
| 10:00           | 59           | 50.4            | 43.6          | 6.6                | 0            | 0           | 1           | 4           | 10          | 20          | 16          | 7           | 0           | 1            | 0            | 0           |
| 11:00           | 60           | 49.6            | 43.4          | 5.9                | 0            | 0           | 0           | 2           | 16          | 23          | 10          | 6           | 3           | 0            | 0            | 0           |
| 12:00           | 66           | 51.2            | 43.2          | 7.7                | 0            | 1           | 1           | 2           | 14          | 25          | 15          | 6           | 1           | 0            | 1            | 0           |
| 13:00           | 60           | 52.3            | 43.9          | 8.1                | 0            | 1           | 1           | 5           | 8           | 18          | 16          | 5           | 6           | 0            | 0            | 0           |
| 14:00           | 65           | 50.2            | 44.3          | 5.7                | 0            | 0           | 0           | 1           | 14          | 22          | 20          | 6           | 1           | 1            | 0            | 0           |
| 15:00           | 97           | 51.2            | 44.4          | 6.6                | 0            | 0           | 0           | 5           | 20          | 30          | 27          | 9           | 4           | 2            | 0            | 0           |
| 16:00           | 90           | 52.0            | 44.5          | 7.2                | 0            | 0           | 1           | 12          | 9           | 20          | 26          | 19          | 3           | 0            | 0            | 0           |
| 17:00           | 95           | 54.8            | 46.6          | 7.9                | 0            | 1           | 0           | 1           | 13          | 22          | 38          | 11          | 3           | 5            | 1            | 0           |
| 18:00           | 66           | 55.1            | 47.6          | 7.2                | 0            | 0           | 1           | 1           | 6           | 14          | 19          | 19          | 5           | 0            | 1            | 0           |
| 19:00           | 59           | 61.1            | 49.1          | 11.6               | 0            | 1           | 1           | 0           | 6           | 13          | 15          | 13          | 2           | 4            | 3            | 1           |
| 20:00           | 45           | 56.5            | 47.2          | 9.0                | 0            | 0           | 0           | 6           | 4           | 5           | 15          | 8           | 3           | 4            | 0            | 0           |
| 21:00           | 21           | 46.5            | 41.3          | 5.0                | 0            | 0           | 0           | 2           | 6           | 9           | 3           | 1           | 0           | 0            | 0            | 0           |
| 22:00           | 14           | 53.1            | 44.8          | 8.0                | 0            | 0           | 0           | 0           | 3           | 8           | 0           | 1           | 1           | 1            | 0            | 0           |
| 23:00           | 17           | 47.7            | 41.9          | 5.6                | 0            | 0           | 0           | 1           | 6           | 6           | 2           | 2           | 0           | 0            | 0            | 0           |
| Total 2H(10-12) | 119          | 50.0            | 43.5          | 6.2                | 0            | 0           | 1           | 6           | 26          | 43          | 26          | 13          | 3           | 1            | 0            | 0           |
| 2H(14-16)       | 162          | 50.8            | 44.3          | 6.2                | 0            | 0           | 0           | 6           | 34          | 52          | 47          | 15          | 5           | 3            | 0            | 0           |
| 12H(7-19)       | 908          | 52.2            | 45.0          | 7.0                | 0            | 3           | 5           | 41          | 146         | 269         | 259         | 130         | 38          | 14           | 3            | 0           |
| 24H(0-24)       | 1121         | 53.1            | 45.3          | 7.5                | 0            | 4           | 6           | 53          | 186         | 316         | 311         | 162         | 49          | 26           | 7            | 1           |
| AM Peak         | 08:00<br>111 | 00:00<br>64.4   | 00:00<br>50.0 | 00:00<br>13.9      | 00:00<br>0   | 00:00<br>0  | 10:00<br>1  | 10:00<br>7  | 08:00<br>19 | 08:00<br>31 | 08:00<br>32 | 08:00<br>19 | 07:00<br>7  | 07:00<br>3   | 05:00<br>1   | 00:00<br>0  |
| PM Peak         | 15:00<br>97  | 19:00<br>61.1   | 19:00<br>49.1 | 19:00<br>11.6      | 12:00<br>0   | 12:00<br>1  | 12:00<br>1  | 16:00<br>12 | 15:00<br>20 | 15:00<br>30 | 17:00<br>38 | 16:00<br>19 | 13:00<br>6  | 17:00<br>5   | 19:00<br>3   | 19:00<br>1  |

Paul Castle Associates

Direction: Total Flow

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average  | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|---------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 6            | 58.5            | 48.8          | 9.5                | 0            | 0           | 0           | 0           | 1           | 1           | 2           | 1           | 0           | 1            | 0            | 0           |
| 01:00           | 0            | -               | -             | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 02:00           | 0            | -               | -             | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 03:00           | 2            | 82.6            | 58.8          | 23.0               | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0            | 1            | 0           |
| 04:00           | 7            | 52.9            | 42.5          | 10.0               | 0            | 0           | 0           | 2           | 2           | 0           | 1           | 1           | 1           | 0            | 0            | 0           |
| 05:00           | 22           | 54.3            | 45.6          | 8.4                | 0            | 0           | 0           | 0           | 7           | 2           | 10          | 2           | 0           | 0            | 1            | 0           |
| 06:00           | 74           | 56.4            | 47.8          | 8.3                | 0            | 0           | 0           | 4           | 11          | 10          | 22          | 13          | 9           | 5            | 0            | 0           |
| 07:00           | 164          | 54.1            | 46.6          | 7.2                | 0            | 1           | 0           | 3           | 17          | 54          | 42          | 28          | 13          | 6            | 0            | 0           |
| 08:00           | 214          | 52.6            | 45.7          | 6.7                | 0            | 0           | 0           | 8           | 33          | 59          | 68          | 30          | 10          | 6            | 0            | 0           |
| 09:00           | 115          | 54.0            | 46.2          | 7.5                | 0            | 0           | 0           | 3           | 21          | 32          | 28          | 17          | 8           | 6            | 0            | 0           |
| 10:00           | 115          | 51.8            | 44.4          | 7.2                | 0            | 0           | 2           | 10          | 13          | 40          | 26          | 18          | 4           | 2            | 0            | 0           |
| 11:00           | 123          | 51.5            | 44.1          | 7.1                | 0            | 0           | 1           | 5           | 28          | 44          | 24          | 12          | 5           | 4            | 0            | 0           |
| 12:00           | 132          | 50.2            | 43.3          | 6.6                | 0            | 1           | 1           | 2           | 36          | 45          | 31          | 12          | 3           | 0            | 1            | 0           |
| 13:00           | 115          | 52.3            | 44.4          | 7.6                | 0            | 1           | 1           | 7           | 19          | 36          | 31          | 8           | 10          | 2            | 0            | 0           |
| 14:00           | 123          | 51.8            | 44.6          | 6.9                | 0            | 0           | 1           | 3           | 31          | 32          | 34          | 13          | 6           | 3            | 0            | 0           |
| 15:00           | 189          | 52.3            | 44.8          | 7.2                | 0            | 0           | 1           | 11          | 34          | 54          | 54          | 21          | 9           | 4            | 1            | 0           |
| 16:00           | 167          | 52.2            | 45.4          | 6.6                | 0            | 0           | 2           | 12          | 17          | 42          | 49          | 40          | 5           | 0            | 0            | 0           |
| 17:00           | 212          | 55.0            | 47.3          | 7.5                | 0            | 1           | 0           | 3           | 20          | 55          | 79          | 32          | 10          | 9            | 3            | 0           |
| 18:00           | 147          | 62.1            | 49.8          | 11.8               | 0            | 0           | 1           | 3           | 19          | 32          | 35          | 27          | 12          | 6            | 5            | 7           |
| 19:00           | 101          | 60.3            | 49.1          | 10.8               | 0            | 1           | 2           | 0           | 9           | 25          | 24          | 22          | 5           | 7            | 5            | 1           |
| 20:00           | 71           | 56.5            | 47.3          | 8.9                | 0            | 0           | 0           | 8           | 9           | 7           | 20          | 17          | 4           | 6            | 0            | 0           |
| 21:00           | 36           | 51.9            | 44.4          | 7.3                | 0            | 0           | 0           | 3           | 7           | 11          | 7           | 6           | 1           | 1            | 0            | 0           |
| 22:00           | 23           | 54.0            | 44.1          | 9.6                | 0            | 0           | 1           | 1           | 5           | 10          | 0           | 3           | 1           | 2            | 0            | 0           |
| 23:00           | 34           | 50.9            | 44.4          | 6.3                | 0            | 0           | 0           | 2           | 7           | 9           | 9           | 6           | 1           | 0            | 0            | 0           |
| Total 2H(10-12) | 238          | 51.6            | 44.2          | 7.1                | 0            | 0           | 3           | 15          | 41          | 84          | 50          | 30          | 9           | 6            | 0            | 0           |
| 2H(14-16)       | 312          | 52.1            | 44.7          | 7.1                | 0            | 0           | 2           | 14          | 65          | 86          | 88          | 34          | 15          | 7            | 1            | 0           |
| 12H(7-19)       | 1816         | 53.7            | 45.7          | 7.8                | 0            | 4           | 10          | 70          | 288         | 525         | 501         | 258         | 95          | 48           | 10           | 7           |
| 24H(0-24)       | 2192         | 54.3            | 45.9          | 8.0                | 0            | 5           | 13          | 90          | 346         | 601         | 596         | 329         | 117         | 70           | 17           | 8           |
| AM Peak         | 08:00<br>214 | 03:00<br>82.6   | 03:00<br>58.8 | 03:00<br>23.0      | 00:00<br>0   | 07:00<br>1  | 10:00<br>2  | 10:00<br>10 | 08:00<br>33 | 08:00<br>59 | 08:00<br>68 | 08:00<br>30 | 07:00<br>13 | 07:00<br>6   | 03:00<br>1   | 00:00<br>0  |
| PM Peak         | 17:00<br>212 | 18:00<br>62.1   | 18:00<br>49.8 | 18:00<br>11.8      | 12:00<br>0   | 12:00<br>1  | 16:00<br>2  | 16:00<br>12 | 16:00<br>36 | 17:00<br>55 | 17:00<br>79 | 16:00<br>40 | 18:00<br>12 | 17:00<br>9   | 18:00<br>5   | 18:00<br>7  |

Barkway ATC, London Road

Direction: Northbound

18/06/2026

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average  | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|---------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 5            | 53.8            | 47.5          | 6.1                | 0            | 0           | 0           | 0           | 0           | 2           | 2           | 0           | 1           | 0            | 0            | 0           |
| 01:00           | 3            | 66.9            | 55.0          | 11.5               | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1            | 0            | 0           |
| 02:00           | 1            | -               | 42.5          | -                  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0            | 0            | 0           |
| 03:00           | 0            | -               | -             | -                  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 04:00           | 1            | -               | 37.5          | -                  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0            | 0            | 0           |
| 05:00           | 9            | 55.5            | 42.8          | 12.3               | 0            | 1           | 0           | 0           | 2           | 1           | 3           | 1           | 1           | 0            | 0            | 0           |
| 06:00           | 36           | 60.7            | 49.7          | 10.7               | 0            | 1           | 0           | 0           | 3           | 7           | 8           | 10          | 1           | 5            | 1            | 0           |
| 07:00           | 68           | 53.7            | 46.1          | 7.3                | 0            | 0           | 0           | 3           | 7           | 22          | 20          | 12          | 1           | 2            | 1            | 0           |
| 08:00           | 92           | 50.6            | 44.2          | 6.2                | 0            | 0           | 0           | 5           | 21          | 24          | 23          | 17          | 2           | 0            | 0            | 0           |
| 09:00           | 78           | 52.3            | 42.9          | 9.1                | 0            | 1           | 4           | 6           | 16          | 20          | 18          | 7           | 3           | 3            | 0            | 0           |
| 10:00           | 72           | 51.7            | 41.9          | 9.4                | 1            | 1           | 4           | 9           | 9           | 18          | 18          | 9           | 3           | 0            | 0            | 0           |
| 11:00           | 59           | 50.0            | 38.6          | 11.0               | 1            | 5           | 2           | 6           | 20          | 7           | 11          | 5           | 2           | 0            | 0            | 0           |
| 12:00           | 61           | 52.2            | 43.5          | 8.3                | 0            | 2           | 0           | 2           | 13          | 20          | 13          | 7           | 3           | 1            | 0            | 0           |
| 13:00           | 65           | 53.4            | 46.3          | 6.8                | 0            | 0           | 1           | 2           | 7           | 16          | 21          | 13          | 4           | 1            | 0            | 0           |
| 14:00           | 47           | 52.1            | 43.7          | 8.1                | 0            | 1           | 1           | 0           | 10          | 20          | 6           | 3           | 6           | 0            | 0            | 0           |
| 15:00           | 72           | 52.6            | 44.3          | 8.0                | 0            | 0           | 1           | 3           | 20          | 19          | 16          | 4           | 6           | 3            | 0            | 0           |
| 16:00           | 80           | 54.1            | 46.3          | 7.6                | 0            | 0           | 1           | 6           | 8           | 18          | 22          | 15          | 9           | 1            | 0            | 0           |
| 17:00           | 81           | 53.4            | 46.1          | 7.0                | 0            | 0           | 1           | 1           | 10          | 27          | 18          | 21          | 1           | 1            | 1            | 0           |
| 18:00           | 54           | 50.0            | 43.3          | 6.4                | 0            | 0           | 2           | 2           | 8           | 23          | 11          | 7           | 1           | 0            | 0            | 0           |
| 19:00           | 47           | 54.9            | 44.9          | 9.7                | 0            | 0           | 4           | 0           | 11          | 6           | 13          | 8           | 4           | 0            | 1            | 0           |
| 20:00           | 27           | 57.5            | 48.1          | 9.1                | 0            | 0           | 0           | 2           | 3           | 3           | 9           | 7           | 1           | 1            | 1            | 0           |
| 21:00           | 16           | 61.4            | 49.4          | 11.6               | 0            | 0           | 0           | 1           | 1           | 4           | 5           | 2           | 1           | 0            | 2            | 0           |
| 22:00           | 14           | 53.9            | 45.2          | 8.5                | 0            | 0           | 0           | 2           | 1           | 4           | 4           | 2           | 0           | 1            | 0            | 0           |
| 23:00           | 4            | 54.0            | 45.0          | 8.7                | 0            | 0           | 0           | 0           | 1           | 2           | 0           | 0           | 1           | 0            | 0            | 0           |
| Total 2H(10-12) | 131          | 51.0            | 40.4          | 10.2               | 2            | 6           | 6           | 15          | 29          | 25          | 29          | 14          | 5           | 0            | 0            | 0           |
| 2H(14-16)       | 119          | 52.4            | 44.1          | 8.0                | 0            | 1           | 2           | 3           | 30          | 39          | 22          | 7           | 12          | 3            | 0            | 0           |
| 12H(7-19)       | 829          | 52.6            | 44.1          | 8.2                | 2            | 10          | 17          | 45          | 149         | 234         | 197         | 120         | 41          | 12           | 2            | 0           |
| 24H(0-24)       | 992          | 53.5            | 44.6          | 8.6                | 2            | 12          | 21          | 50          | 172         | 265         | 241         | 150         | 52          | 20           | 7            | 0           |
| AM Peak         | 08:00<br>92  | 01:00<br>66.9   | 01:00<br>55.0 | 05:00<br>12.3      | 10:00<br>1   | 11:00<br>5  | 09:00<br>4  | 10:00<br>9  | 08:00<br>21 | 08:00<br>24 | 08:00<br>23 | 08:00<br>17 | 09:00<br>3  | 09:00<br>5   | 06:00<br>1   | 00:00<br>0  |
| PM Peak         | 17:00<br>81  | 21:00<br>61.4   | 21:00<br>49.4 | 21:00<br>11.6      | 12:00<br>0   | 12:00<br>2  | 19:00<br>4  | 16:00<br>6  | 15:00<br>20 | 17:00<br>27 | 16:00<br>22 | 17:00<br>21 | 16:00<br>9  | 15:00<br>3   | 21:00<br>2   | 12:00<br>0  |

Paul Castle Associates

Direction: Southbound

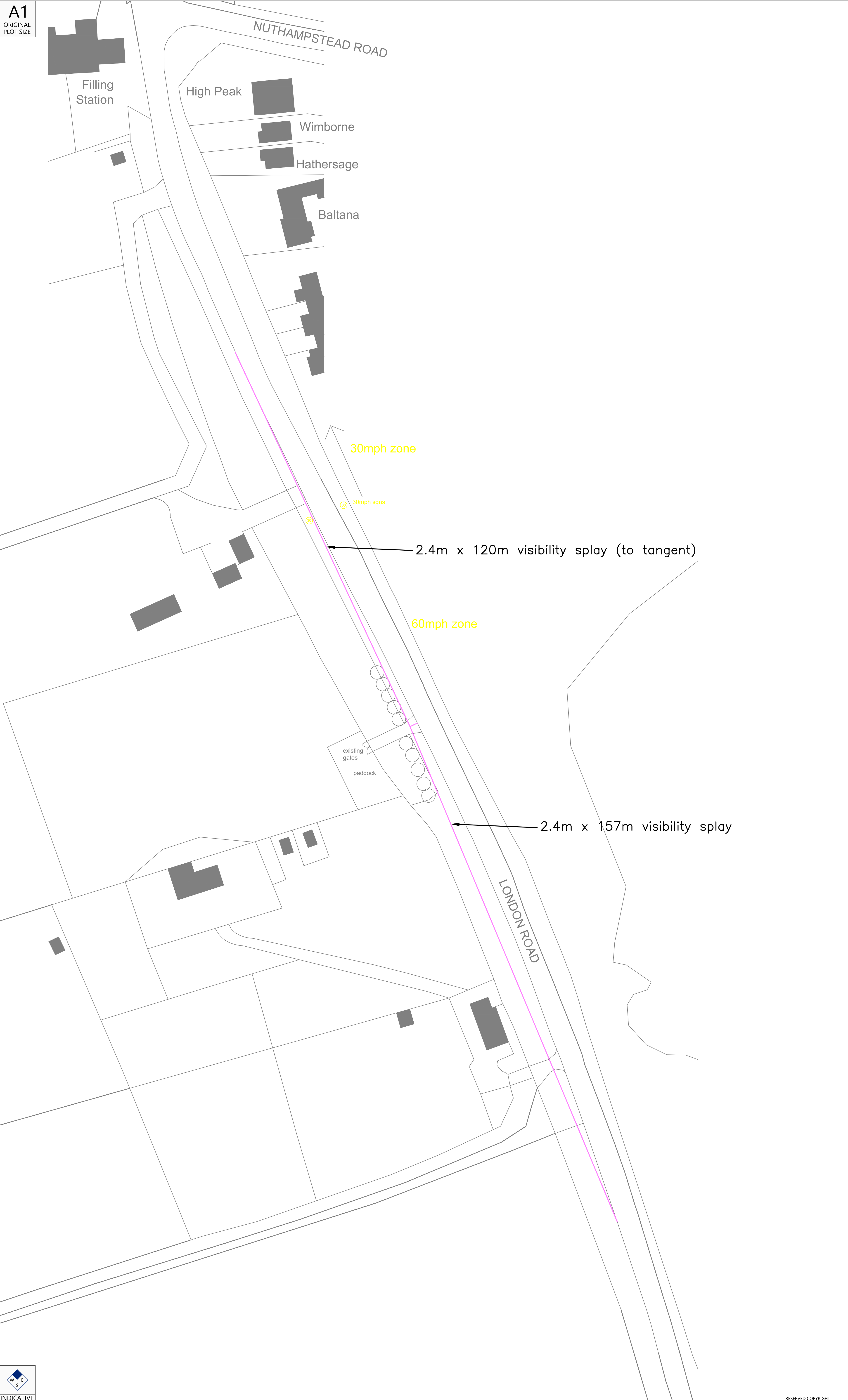
| Hour Beginning  | Total Volume | 85th Percentile | Mean Average  | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|---------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 3            | 52.7            | 47.5          | 5.0                | 0            | 0           | 0           | 0           | 0           | 1           | 1           | 1           | 0           | 0            | 0            | 0           |
| 01:00           | 1            | -               | 42.5          | -                  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0            | 0            | 0           |
| 02:00           | 2            | 48.7            | 45.0          | 3.5                | 0            | 0           | 0           | 0           | 0           | 1           | 1           | 0           | 0           | 0            | 0            | 0           |
| 03:00           | 3            | 48.8            | 45.8          | 2.9                | 0            | 0           | 0           | 0           | 0           | 1           | 2           | 0           | 0           | 0            | 0            | 0           |
| 04:00           | 6            | 56.1            | 45.4          | 10.3               | 0            | 0           | 0           | 0           | 2           | 2           | 1           | 0           | 0           | 1            | 0            | 0           |
| 05:00           | 6            | 56.7            | 46.7          | 9.7                | 0            | 0           | 0           | 1           | 1           | 0           | 1           | 2           | 1           | 0            | 0            | 0           |
| 06:00           | 45           | 57.0            | 48.5          | 8.2                | 0            | 0           | 1           | 0           | 3           | 14          | 8           | 9           | 7           | 3            | 0            | 0           |
| 07:00           | 86           | 52.3            | 46.0          | 6.1                | 0            | 0           | 0           | 2           | 8           | 30          | 28          | 12          | 4           | 2            | 0            | 0           |
| 08:00           | 84           | 51.5            | 45.1          | 6.1                | 0            | 0           | 0           | 3           | 12          | 31          | 21          | 10          | 7           | 0            | 0            | 0           |
| 09:00           | 57           | 49.1            | 42.5          | 6.5                | 0            | 0           | 1           | 4           | 16          | 19          | 8           | 8           | 1           | 0            | 0            | 0           |
| 10:00           | 55           | 50.1            | 40.0          | 9.7                | 0            | 2           | 5           | 7           | 11          | 14          | 8           | 7           | 0           | 1            | 0            | 0           |
| 11:00           | 56           | 49.5            | 38.8          | 10.3               | 1            | 2           | 8           | 2           | 13          | 17          | 6           | 6           | 1           | 0            | 0            | 0           |
| 12:00           | 72           | 48.1            | 42.3          | 5.6                | 0            | 1           | 0           | 1           | 21          | 28          | 18          | 2           | 1           | 0            | 0            | 0           |
| 13:00           | 66           | 50.6            | 43.6          | 6.8                | 0            | 0           | 1           | 6           | 8           | 28          | 13          | 7           | 2           | 1            | 0            | 0           |
| 14:00           | 75           | 50.1            | 44.0          | 5.9                | 0            | 0           | 0           | 6           | 11          | 25          | 24          | 6           | 3           | 0            | 0            | 0           |
| 15:00           | 109          | 52.2            | 43.9          | 8.0                | 0            | 2           | 1           | 6           | 16          | 42          | 21          | 16          | 3           | 1            | 1            | 0           |
| 16:00           | 109          | 50.6            | 44.3          | 6.1                | 0            | 0           | 0           | 2           | 25          | 36          | 32          | 8           | 4           | 2            | 0            | 0           |
| 17:00           | 103          | 53.9            | 45.1          | 8.5                | 0            | 2           | 3           | 4           | 11          | 25          | 34          | 17          | 4           | 3            | 0            | 0           |
| 18:00           | 75           | 51.6            | 45.2          | 6.2                | 0            | 0           | 0           | 0           | 15          | 26          | 18          | 13          | 1           | 2            | 0            | 0           |
| 19:00           | 35           | 50.8            | 44.0          | 6.6                | 0            | 0           | 1           | 1           | 5           | 15          | 7           | 4           | 2           | 0            | 0            | 0           |
| 20:00           | 37           | 55.5            | 44.9          | 10.2               | 0            | 0           | 0           | 4           | 9           | 8           | 7           | 6           | 1           | 1            | 0            | 1           |
| 21:00           | 15           | 51.6            | 40.8          | 10.4               | 0            | 1           | 1           | 0           | 4           | 4           | 3           | 1           | 1           | 0            | 0            | 0           |
| 22:00           | 9            | 56.2            | 45.6          | 10.3               | 0            | 0           | 0           | 1           | 2           | 2           | 2           | 0           | 1           | 1            | 0            | 0           |
| 23:00           | 7            | 52.0            | 45.4          | 6.4                | 0            | 0           | 0           | 0           | 2           | 1           | 2           | 2           | 0           | 0            | 0            | 0           |
| Total 2H(10-12) | 111          | 49.8            | 39.4          | 10.0               | 1            | 4           | 13          | 9           | 24          | 31          | 14          | 13          | 1           | 1            | 0            | 0           |
| 2H(14-16)       | 184          | 51.4            | 43.9          | 7.2                | 0            | 2           | 1           | 12          | 27          | 67          | 45          | 22          | 6           | 1            | 1            | 0           |
| 12H(7-19)       | 947          | 51.4            | 43.7          | 7.4                | 1            | 9           | 19          | 43          | 167         | 321         | 231         | 112         | 31          | 12           | 1            | 0           |
| 24H(0-24)       | 1116         | 51.9            | 44.0          | 7.6                | 1            | 10          | 22          | 50          | 195         | 371         | 266         | 137         | 44          | 18           | 1            | 1           |
| AM Peak         | 07:00<br>86  | 06:00<br>57.0   | 06:00<br>48.5 | 11:00<br>10.3      | 11:00<br>1   | 10:00<br>2  | 11:00<br>8  | 10:00<br>7  | 09:00<br>16 | 08:00<br>31 | 07:00<br>28 | 07:00<br>12 | 06:00<br>7  | 06:00<br>3   | 00:00<br>0   | 00:00<br>0  |
| PM Peak         | 15:00<br>109 | 22:00<br>56.2   | 22:00<br>45.6 | 21:00<br>10.4      | 12:00<br>0   | 12:00<br>2  | 17:00<br>3  | 13:00<br>6  | 16:00<br>25 | 15:00<br>42 | 17:00<br>34 | 17:00<br>17 | 16:00<br>4  | 15:00<br>3   | 20:00<br>1   | 20:00<br>1  |

Paul Castle Associates

Direction: Total Flow

| Hour Beginning  | Total Volume | 85th Percentile | Mean Average  | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|-----------------|--------------|-----------------|---------------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| 00:00           | 8            | 53.0            | 47.5          | 5.3                | 0            | 0           | 0           | 0           | 0           | 3           | 3           | 1           | 1           | 0            | 0            | 0           |
| 01:00           | 4            | 4               | 51.9          | 11.3               | 0            | 0           | 0           | 0           | 0           | 2           | 0           | 0           | 0           | 1            | 0            | 0           |
| 02:00           | 3            | 47.2            | 44.2          | 2.9                | 0            | 0           | 0           | 0           | 0           | 2           | 1           | 0           | 0           | 0            | 0            | 0           |
| 03:00           | 3            | 48.8            | 45.8          | 2.9                | 0            | 0           | 0           | 0           | 0           | 1           | 2           | 0           | 0           | 0            | 0            | 0           |
| 04:00           | 7            | 54.5            | 44.3          | 9.9                | 0            | 0           | 0           | 0           | 3           | 2           | 1           | 0           | 0           | 1            | 0            | 0           |
| 05:00           | 15           | 55.9            | 44.3          | 11.1               | 0            | 1           | 0           | 1           | 3           | 1           | 4           | 3           | 2           | 0            | 0            | 0           |
| 06:00           | 81           | 58.7            | 49.0          | 9.3                | 0            | 1           | 1           | 0           | 6           | 21          | 16          | 19          | 8           | 8            | 1            | 0           |
| 07:00           | 154          | 52.9            | 46.1          | 6.6                | 0            | 0           | 0           | 5           | 15          | 52          | 48          | 24          | 5           | 4            | 1            | 0           |
| 08:00           | 176          | 51.0            | 44.7          | 6.2                | 0            | 0           | 0           | 8           | 33          | 55          | 44          | 27          | 9           | 0            | 0            | 0           |
| 09:00           | 135          | 51.1            | 42.7          | 8.0                | 0            | 1           | 5           | 10          | 32          | 39          | 26          | 15          | 4           | 3            | 0            | 0           |
| 10:00           | 127          | 51.0            | 41.1          | 9.6                | 1            | 3           | 9           | 16          | 20          | 32          | 26          | 16          | 3           | 1            | 0            | 0           |
| 11:00           | 115          | 49.7            | 38.7          | 10.6               | 2            | 7           | 10          | 8           | 33          | 24          | 17          | 11          | 3           | 0            | 0            | 0           |
| 12:00           | 133          | 50.1            | 42.8          | 7.0                | 0            | 3           | 0           | 3           | 34          | 48          | 31          | 9           | 4           | 1            | 0            | 0           |
| 13:00           | 131          | 52.1            | 44.9          | 6.9                | 0            | 0           | 2           | 8           | 15          | 44          | 34          | 20          | 6           | 2            | 0            | 0           |
| 14:00           | 122          | 50.9            | 43.9          | 6.8                | 0            | 1           | 1           | 6           | 21          | 45          | 30          | 9           | 9           | 0            | 0            | 0           |
| 15:00           | 181          | 52.4            | 44.1          | 8.0                | 0            | 2           | 2           | 9           | 36          | 61          | 37          | 20          | 9           | 4            | 1            | 0           |
| 16:00           | 189          | 52.2            | 45.1          | 6.8                | 0            | 0           | 1           | 8           | 33          | 54          | 54          | 23          | 13          | 3            | 0            | 0           |
| 17:00           | 184          | 53.7            | 45.5          | 7.9                | 0            | 2           | 4           | 5           | 21          | 52          | 52          | 38          | 5           | 4            | 1            | 0           |
| 18:00           | 129          | 51.0            | 44.4          | 6.3                | 0            | 0           | 2           | 2           | 23          | 49          | 29          | 20          | 2           | 2            | 0            | 0           |
| 19:00           | 82           | 53.3            | 44.5          | 8.5                | 0            | 0           | 5           | 1           | 16          | 21          | 20          | 12          | 6           | 0            | 1            | 0           |
| 20:00           | 64           | 56.4            | 46.3          | 9.8                | 0            | 0           | 0           | 6           | 12          | 11          | 16          | 13          | 2           | 2            | 1            | 1           |
| 21:00           | 31           | 57.4            | 45.2          | 11.7               | 0            | 1           | 1           | 1           | 5           | 8           | 8           | 3           | 2           | 0            | 2            | 0           |
| 22:00           | 23           | 54.6            | 45.3          | 9.0                | 0            | 0           | 0           | 3           | 3           | 6           | 6           | 2           | 1           | 2            | 0            | 0           |
| 23:00           | 11           | 52.3            | 45.2          | 6.8                | 0            | 0           | 0           | 0           | 3           | 3           | 2           | 2           | 1           | 0            | 0            | 0           |
| Total 2H(10-12) | 242          | 50.4            | 39.9          | 10.1               | 3            | 10          | 19          | 24          | 53          | 56          | 43          | 27          | 6           | 1            | 0            | 0           |
| 2H(14-16)       | 303          | 51.8            | 44.0          | 7.5                | 0            | 3           | 3           | 15          | 57          | 106         | 67          | 29          | 18          | 4            | 1            | 0           |
| 12H(7-19)       | 1776         | 52.0            | 43.9          | 7.8                | 3            | 19          | 36          | 88          | 316         | 555         | 428         | 232         | 72          | 24           | 3            | 0           |
| 24H(0-24)       | 2108         | 52.7            | 44.3          | 8.1                | 3            | 22          | 43          | 100         | 367         | 636         | 507         | 287         | 96          | 38           | 8            | 1           |
| AM Peak         | 08:00<br>176 | 01:00<br>63.5   | 01:00<br>51.9 | 01:00<br>11.3      | 11:00<br>2   | 11:00<br>7  | 11:00<br>10 | 10:00<br>16 | 08:00<br>33 | 08:00<br>55 | 07:00<br>48 | 08:00<br>27 | 08:00<br>9  | 06:00<br>8   | 06:00<br>1   | 00:00<br>0  |
| PM Peak         | 16:00<br>189 | 21:00<br>57.4   | 20:00<br>46.3 | 21:00<br>11.7      | 12:00<br>0   | 12:00<br>3  | 15:00<br>5  | 15:00<br>9  | 15:00<br>36 | 16:00<br>61 | 17:00<br>54 | 16:00<br>38 | 13:00<br>13 | 15:00<br>4   | 21:00<br>2   | 20:00<br>1  |

# APPENDIX B



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NOTES:

| Rev | Date | Details | Drawn By | Checked By | Approved By |
|-----|------|---------|----------|------------|-------------|
|     |      |         |          |            |             |

Bristol  
Cambridge  
London  
Welwyn Garden City

1 Giltspur Street  
London  
EC1A 9DD  
020 7119 1155  
[www.tpa.uk.com](http://www.tpa.uk.com)



Transport Planning Associates

CLIENT:

PROJECT:  
Willow Warren  
London Road  
Barkway

TITLE:  
Visibility splays at  
site access

STATUS:  
FOR INFORMATION

|                     |                     |              |                |                 |
|---------------------|---------------------|--------------|----------------|-----------------|
| SCALE:<br>1:500     | DATE:<br>29/06/26   | DRAWN:<br>NH | CHECKED:<br>-  | APPROVED:<br>NH |
| JOB NO:<br>2605-004 | DRAWING NO:<br>VS01 |              | REVISION:<br>- |                 |