

# APPENDICES

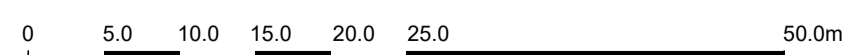
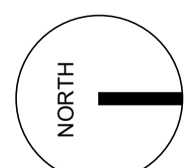


APPENDIX A  
Illustrative Masterplan





Note: Indicative Landscape layout, for full details please refer to Drawing LASS92  
 - Overall Landscape Arrangement Plan for Landscape Architects Design



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| Rev. | Description    | Date     | Drawn | HS | Chk. |
|------|----------------|----------|-------|----|------|
| P-00 | Planning Issue | 26.05.23 | WG    | HS |      |

Client: Tri7  
 Project: Calthorpe Street, Banbury  
 Drawing Title: Ground Floor Site Plan  
 Drawing Status: **PLANNING**

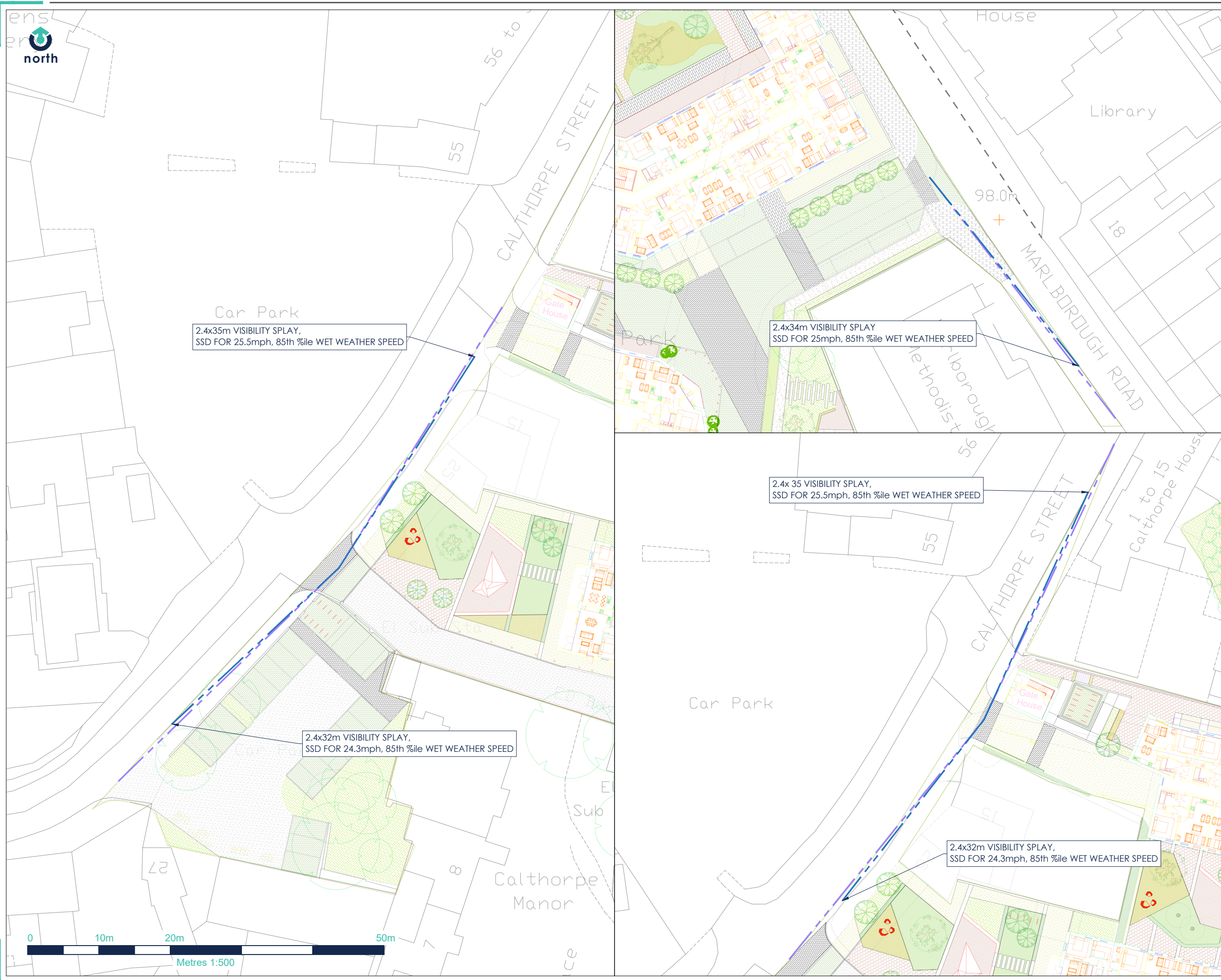
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|       |         |            |         |          |          |
|-------|---------|------------|---------|----------|----------|
| Drawn | Checked | Paper Size | Scale   | Date     | Revision |
| SH    | HS      | A1         | 1 : 500 | 09/09/22 | P-00     |

APPENDIX B  
Site Access Arrangement





- 2.4x43m JUNCTION VISIBILITY SPLAY, 30mph MFS
- JUNCTION VISIBILITY SPLAY, ATC RECORDED SPEED

2.4x35m VISIBILITY SPLAY,  
SSD FOR 25.5mph, 85th %ile WET WEATHER SPEED

2.4x34m VISIBILITY SPLAY  
SSD FOR 25mph, 85th %ile WET WEATHER SPEED

2.4x 35 VISIBILITY SPLAY,  
SSD FOR 25.5mph, 85th %ile WET WEATHER SPEED

2.4x32m VISIBILITY SPLAY,  
SSD FOR 24.3mph, 85th %ile WET WEATHER SPEED

2.4x32m VISIBILITY SPLAY,  
SSD FOR 24.3mph, 85th %ile WET WEATHER SPEED



|      |              |    |          |
|------|--------------|----|----------|
| REV: | DESCRIPTION: | BT | 26/05/23 |
| BY:  | DATE:        |    |          |

STATUS: **FIRST ISSUE**

CLIENT:  
**TR17 BANBURY LLP**

SITE:  
**CALTHORPE STREET, BANBURY**

TITLE:  
**SITE ACCESS & VISIBILITY**



|              |             |           |          |
|--------------|-------------|-----------|----------|
| SCALE AT A3: | DATE:       | DRAWN:    | CHECKED: |
| 1:500        | 26/05/23    | BT        | AF       |
| PROJECT NO:  | DRAWING NO: | REVISION: |          |
| 22-312       | 20-104      | -         |          |

APPENDIX C  
ATC Results

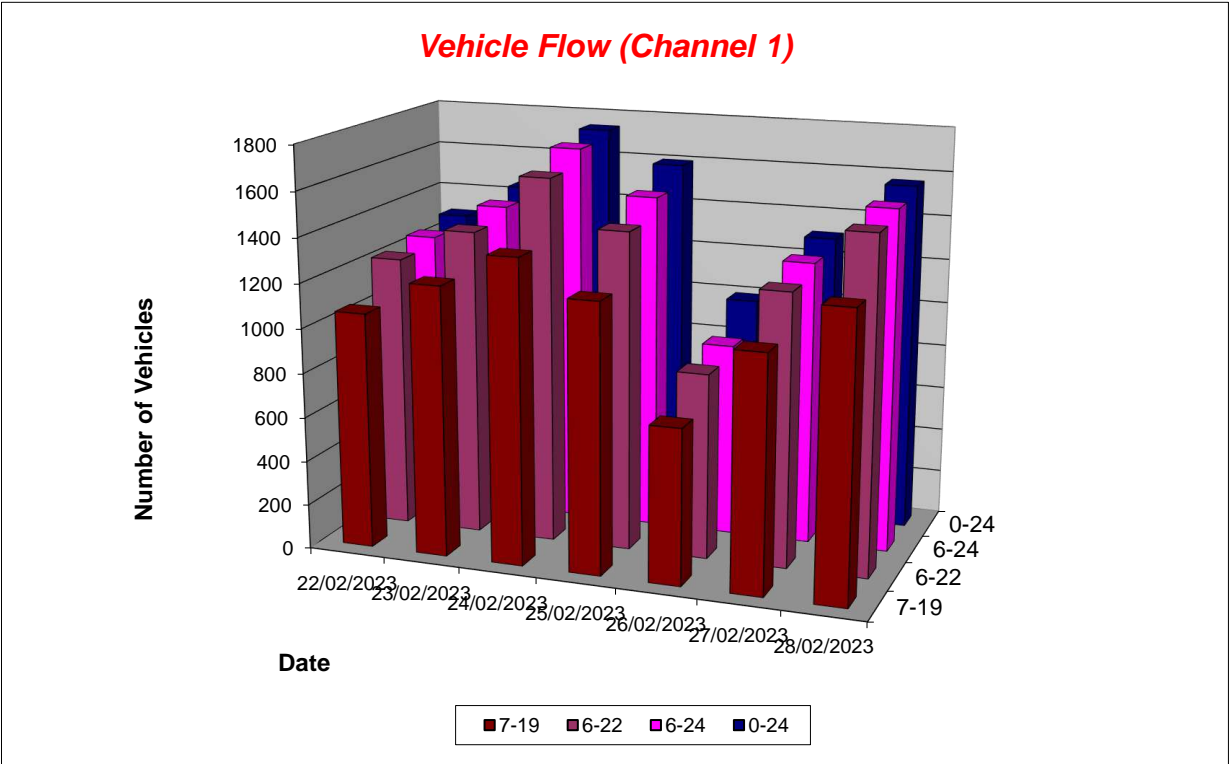
# Banbury ATC 1, Calthorpe Street (Southern Site)

Channel 1 - Northbound

Vehicle Flow

Week 1

| Hr Ending | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday | Weekday<br>Average | Average |
|-----------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|--------------------|---------|
| 1         | 10                      | 7                      | 10                   | 30                     | 36                   | 12                   | 9                     | 10                 | 16      |
| 2         | 4                       | 2                      | 8                    | 17                     | 29                   | 9                    | 7                     | 6                  | 11      |
| 3         | 4                       | 9                      | 3                    | 13                     | 27                   | 5                    | 5                     | 5                  | 9       |
| 4         | 5                       | 4                      | 4                    | 14                     | 14                   | 4                    | 4                     | 4                  | 7       |
| 5         | 4                       | 1                      | 2                    | 5                      | 5                    | 1                    | 5                     | 3                  | 3       |
| 6         | 8                       | 4                      | 5                    | 7                      | 13                   | 6                    | 5                     | 6                  | 7       |
| 7         | 17                      | 6                      | 12                   | 6                      | 4                    | 13                   | 16                    | 13                 | 11      |
| 8         | 30                      | 42                     | 36                   | 18                     | 15                   | 38                   | 36                    | 36                 | 31      |
| 9         | 134                     | 145                    | 116                  | 45                     | 12                   | 122                  | 126                   | 129                | 100     |
| 10        | 88                      | 102                    | 114                  | 91                     | 22                   | 105                  | 127                   | 107                | 93      |
| 11        | 66                      | 88                     | 93                   | 121                    | 76                   | 69                   | 92                    | 82                 | 86      |
| 12        | 47                      | 102                    | 132                  | 126                    | 72                   | 94                   | 105                   | 96                 | 97      |
| 13        | 98                      | 111                    | 114                  | 133                    | 85                   | 70                   | 96                    | 98                 | 101     |
| 14        | 72                      | 90                     | 119                  | 117                    | 89                   | 85                   | 108                   | 95                 | 97      |
| 15        | 103                     | 80                     | 93                   | 106                    | 74                   | 69                   | 88                    | 87                 | 88      |
| 16        | 110                     | 94                     | 117                  | 127                    | 73                   | 100                  | 110                   | 106                | 104     |
| 17        | 97                      | 104                    | 142                  | 115                    | 72                   | 121                  | 130                   | 119                | 112     |
| 18        | 130                     | 133                    | 158                  | 98                     | 51                   | 106                  | 134                   | 132                | 116     |
| 19        | 86                      | 122                    | 129                  | 108                    | 55                   | 73                   | 115                   | 105                | 98      |
| 20        | 67                      | 77                     | 109                  | 83                     | 52                   | 76                   | 103                   | 86                 | 81      |
| 21        | 49                      | 49                     | 92                   | 71                     | 43                   | 41                   | 71                    | 60                 | 59      |
| 22        | 33                      | 30                     | 60                   | 63                     | 38                   | 41                   | 41                    | 41                 | 44      |
| 23        | 17                      | 32                     | 35                   | 44                     | 19                   | 34                   | 21                    | 28                 | 29      |
| 24        | 15                      | 16                     | 37                   | 40                     | 17                   | 14                   | 14                    | 19                 | 22      |
| 7-19      | 1061                    | 1213                   | 1363                 | 1205                   | 696                  | 1052                 | 1267                  | 1191               | 1122    |
| 6-22      | 1227                    | 1375                   | 1636                 | 1428                   | 833                  | 1223                 | 1498                  | 1392               | 1317    |
| 6-24      | 1259                    | 1423                   | 1708                 | 1512                   | 869                  | 1271                 | 1533                  | 1439               | 1368    |
| 0-24      | 1294                    | 1450                   | 1740                 | 1598                   | 993                  | 1308                 | 1568                  | 1472               | 1422    |



# Banbury ATC 1, Calthorpe Street (Southern Site)

| Hr Ending | Channel 1 - Northbound  |                        |                      |                        | Average Speed        |                      |                       |  |
|-----------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|--|
|           | wet                     |                        | dry                  |                        | dry                  |                      | dry                   |  |
|           | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |  |
| 1         | 22.2                    | 23.2                   | 21.7                 | 22.6                   | 19.7                 | 21.2                 | 22.2                  |  |
| 2         | 19.8                    | 18.8                   | 19.2                 | 23.7                   | 19.5                 | 23.4                 | 19.9                  |  |
| 3         | 20.2                    | 17.3                   | 24.2                 | 21.2                   | 22.3                 | 23.8                 | 17.2                  |  |
| 4         | 16.9                    | 19.6                   | 21.7                 | 24.0                   | 21.7                 | 21.1                 | 10.4                  |  |
| 5         | 19.5                    | 33.0                   | 27.2                 | 19.1                   | 21.8                 | 30.1                 | 18.7                  |  |
| 6         | 18.0                    | 17.0                   | 20.1                 | 18.3                   | 21.1                 | 13.9                 | 17.8                  |  |
| 7         | 21.5                    | 20.9                   | 20.3                 | 16.4                   | 21.3                 | 20.7                 | 23.0                  |  |
| 8         | 17.3                    | 18.5                   | 18.1                 | 21.1                   | 19.4                 | 21.1                 | 19.2                  |  |
| 9         | 19.2                    | 19.9                   | 18.9                 | 17.7                   | 19.2                 | 19.0                 | 18.4                  |  |
| 10        | 17.8                    | 17.7                   | 17.6                 | 17.7                   | 18.3                 | 18.1                 | 17.0                  |  |
| 11        | 16.3                    | 16.5                   | 17.2                 | 15.9                   | 17.1                 | 17.2                 | 16.4                  |  |
| 12        | 19.7                    | 15.6                   | 16.5                 | 15.9                   | 16.6                 | 17.1                 | 15.2                  |  |
| 13        | 17.8                    | 17.2                   | 17.2                 | 15.5                   | 17.4                 | 16.8                 | 17.8                  |  |
| 14        | 18.5                    | 16.7                   | 17.3                 | 16.8                   | 17.8                 | 16.5                 | 17.6                  |  |
| 15        | 17.2                    | 17.4                   | 20.3                 | 17.0                   | 17.7                 | 17.3                 | 17.7                  |  |
| 16        | 18.1                    | 17.5                   | 19.3                 | 16.2                   | 16.6                 | 18.4                 | 17.2                  |  |
| 17        | 17.3                    | 16.5                   | 16.9                 | 18.1                   | 17.9                 | 18.9                 | 18.7                  |  |
| 18        | 17.3                    | 17.2                   | 16.5                 | 17.8                   | 17.5                 | 19.0                 | 15.7                  |  |
| 19        | 18.8                    | 19.4                   | 17.9                 | 18.4                   | 19.8                 | 21.1                 | 20.2                  |  |
| 20        | 18.4                    | 19.1                   | 17.5                 | 18.7                   | 17.5                 | 17.8                 | 17.4                  |  |
| 21        | 19.4                    | 16.5                   | 19.5                 | 19.7                   | 20.9                 | 19.7                 | 17.9                  |  |
| 22        | 19.3                    | 16.5                   | 19.6                 | 22.6                   | 20.4                 | 19.1                 | 27.2                  |  |
| 23        | 19.5                    | 20.8                   | 20.8                 | 17.6                   | 17.0                 | 25.0                 | 20.0                  |  |
| 24        | 22.6                    | 20.3                   | 21.6                 | 17.6                   | 20.8                 | 13.3                 | 19.1                  |  |
| 10-12     | 17.7                    | 16.0                   | 16.8                 | 15.9                   | 16.9                 | 17.1                 | 15.8                  |  |
| 14-16     | 17.7                    | 17.4                   | 19.7                 | 16.6                   | 17.1                 | 18.0                 | 17.4                  |  |
| 0-24      | 18.2                    | 17.8                   | 18.1                 | 17.7                   | 18.3                 | 18.6                 | 17.9                  |  |

|                    |      |
|--------------------|------|
| Average (ALL)      | 18.1 |
| Weekday Inter-Peak | 17.4 |

| Hr Ending | Channel 1 - Northbound  |                        |                      |                        | 85th Percentile      |                      |                       |      |
|-----------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|------|
|           | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |      |
|           | 1                       | 27.9                   | 29.9                 | 28.7                   | 29.5                 | 26.2                 | 27.7                  | 30.7 |
| 2         | 23.0                    | 21.4                   | 24.8                 | 29.5                   | 26.2                 | 28.9                 | 31.4                  |      |
| 3         | 26.3                    | 22.3                   | 34.3                 | 26.7                   | 28.3                 | 32.9                 | 24.1                  |      |
| 4         | 22.8                    | 25.8                   | 32.4                 | 28.7                   | 27.9                 | 29.6                 | 13.1                  |      |
| 5         | 28.3                    | -                      | 31.1                 | 25.7                   | 24.2                 | -                    | 26.8                  |      |
| 6         | 27.1                    | 22.7                   | 23.9                 | 23.9                   | 30.0                 | 18.2                 | 25.0                  |      |
| 7         | 28.8                    | 24.1                   | 22.6                 | 21.9                   | 27.5                 | 26.6                 | 29.1                  |      |
| 8         | 22.7                    | 24.6                   | 23.2                 | 27.2                   | 25.3                 | 27.5                 | 25.1                  |      |
| 9         | 24.9                    | 25.7                   | 24.3                 | 23.6                   | 26.7                 | 24.2                 | 23.7                  |      |
| 10        | 22.7                    | 24.1                   | 22.9                 | 22.5                   | 25.3                 | 23.3                 | 22.6                  |      |
| 11        | 21.3                    | 21.1                   | 22.2                 | 21.6                   | 22.9                 | 21.9                 | 21.5                  |      |
| 12        | 27.2                    | 20.6                   | 22.3                 | 21.5                   | 22.1                 | 22.1                 | 19.7                  |      |
| 13        | 23.6                    | 22.0                   | 22.1                 | 20.4                   | 22.9                 | 22.9                 | 23.0                  |      |
| 14        | 23.9                    | 21.6                   | 22.8                 | 22.6                   | 23.3                 | 22.4                 | 22.5                  |      |
| 15        | 23.0                    | 22.9                   | 28.3                 | 22.2                   | 22.3                 | 22.7                 | 23.3                  |      |
| 16        | 23.7                    | 24.0                   | 28.3                 | 21.9                   | 22.0                 | 23.9                 | 22.3                  |      |
| 17        | 22.9                    | 22.1                   | 21.6                 | 24.4                   | 22.1                 | 24.5                 | 24.3                  |      |
| 18        | 23.4                    | 23.0                   | 21.7                 | 22.8                   | 23.4                 | 24.3                 | 20.9                  |      |
| 19        | 24.7                    | 24.8                   | 24.2                 | 24.4                   | 26.2                 | 27.2                 | 26.0                  |      |
| 20        | 23.9                    | 25.7                   | 23.6                 | 24.2                   | 24.3                 | 23.4                 | 23.7                  |      |
| 21        | 25.1                    | 22.5                   | 25.1                 | 26.6                   | 26.8                 | 25.8                 | 23.4                  |      |
| 22        | 24.5                    | 22.5                   | 26.0                 | 32.6                   | 25.6                 | 26.8                 | 44.7                  |      |
| 23        | 27.6                    | 25.8                   | 26.6                 | 23.3                   | 22.6                 | 39.9                 | 25.1                  |      |
| 24        | 29.5                    | 26.2                   | 26.5                 | 23.0                   | 27.8                 | 19.3                 | 24.4                  |      |
| 10-12     | 24.1                    | 20.8                   | 22.3                 | 21.6                   | 22.6                 | 22.0                 | 20.7                  |      |
| 14-16     | 23.4                    | 23.5                   | 28.2                 | 22.1                   | 22.1                 | 23.5                 | 22.7                  |      |
| 0-24      | 24.1                    | 23.6                   | 24.2                 | 23.9                   | 24.3                 | 25.0                 | 24.4                  |      |
|           | 24.1                    | 21.1                   | 24.2                 | 21.4                   | 21.8                 | 22.5                 | 21.9                  |      |

|                    |      |
|--------------------|------|
| 85th %ile (ALL)    | 24.3 |
| Weekday Inter-Peak | 23.4 |



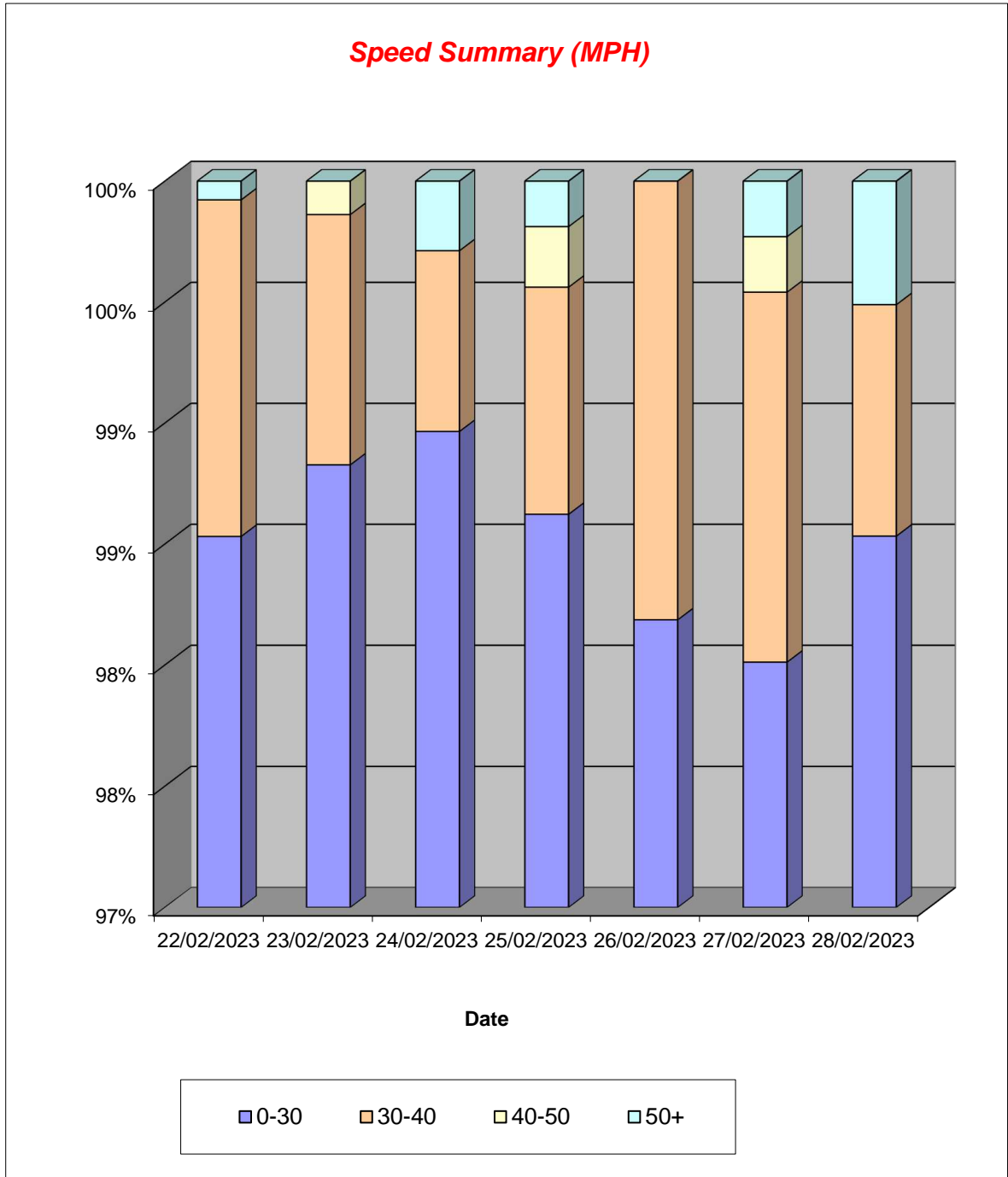
# Banbury ATC 1, Calthorpe Street (Southern Site)

Channel 1 - Northbound

Speed Summary

Week 1

| Speed (MPH)  | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|--------------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 0-30         | 1275                    | 1433                   | 1722                 | 1576                   | 975                  | 1282                 | 1545                  |
| 30-40        | 18                      | 15                     | 13                   | 15                     | 18                   | 20                   | 15                    |
| 40-50        | 0                       | 2                      | 0                    | 4                      | 0                    | 3                    | 0                     |
| 50+          | 1                       | 0                      | 5                    | 3                      | 0                    | 3                    | 8                     |
| <b>TOTAL</b> | <b>1294</b>             | <b>1450</b>            | <b>1740</b>          | <b>1598</b>            | <b>993</b>           | <b>1308</b>          | <b>1568</b>           |



# Banbury ATC 1, Calthorpe Street (Southern Site)

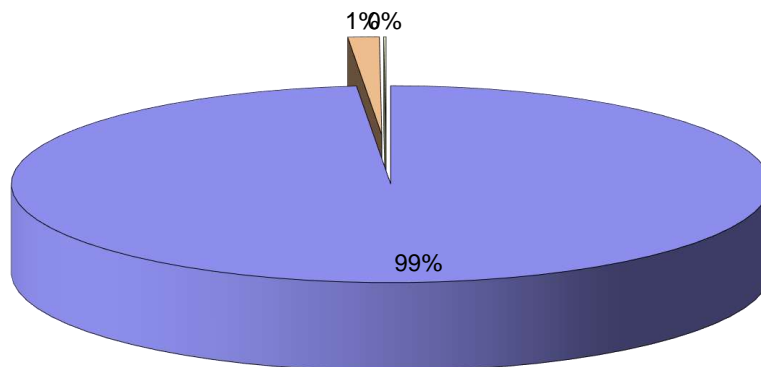
Channel 1 - Northbound

Vehicle Class

Week 1

| Classes<br>Day / Time | Car / LGV /<br>Caravan - 1 | OGV1 / Bus<br>- 2,3,5,6,7,12 | OGV2<br>- 4,8,9,10,11,13 | TOTAL<br>- 1-13 |
|-----------------------|----------------------------|------------------------------|--------------------------|-----------------|
| <b>22/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 1046                       | 15                           | 0                        | 1061            |
| 6-22                  | 1210                       | 17                           | 0                        | 1227            |
| 6-24                  | 1242                       | 17                           | 0                        | 1259            |
| 0-24                  | 1277                       | 17                           | 0                        | 1294            |
| <b>23/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 1191                       | 21                           | 1                        | 1213            |
| 6-22                  | 1349                       | 25                           | 1                        | 1375            |
| 6-24                  | 1396                       | 26                           | 1                        | 1423            |
| 0-24                  | 1423                       | 26                           | 1                        | 1450            |
| <b>24/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 1342                       | 19                           | 2                        | 1363            |
| 6-22                  | 1612                       | 22                           | 2                        | 1636            |
| 6-24                  | 1683                       | 23                           | 2                        | 1708            |
| 0-24                  | 1714                       | 24                           | 2                        | 1740            |
| <b>25/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 1190                       | 14                           | 1                        | 1205            |
| 6-22                  | 1411                       | 16                           | 1                        | 1428            |
| 6-24                  | 1493                       | 18                           | 1                        | 1512            |
| 0-24                  | 1575                       | 22                           | 1                        | 1598            |
| <b>26/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 687                        | 8                            | 1                        | 696             |
| 6-22                  | 823                        | 9                            | 1                        | 833             |
| 6-24                  | 858                        | 10                           | 1                        | 869             |
| 0-24                  | 980                        | 12                           | 1                        | 993             |
| <b>27/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 1039                       | 13                           | 0                        | 1052            |
| 6-22                  | 1207                       | 14                           | 2                        | 1223            |
| 6-24                  | 1254                       | 15                           | 2                        | 1271            |
| 0-24                  | 1290                       | 16                           | 2                        | 1308            |
| <b>28/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 1250                       | 15                           | 2                        | 1267            |
| 6-22                  | 1480                       | 16                           | 2                        | 1498            |
| 6-24                  | 1514                       | 16                           | 3                        | 1533            |
| 0-24                  | 1549                       | 16                           | 3                        | 1568            |
| <b>Average</b>        |                            |                              |                          |                 |
| 7-19                  | 1106                       | 15                           | 1                        | 1122            |
| 6-22                  | 1299                       | 17                           | 1                        | 1317            |
| 6-24                  | 1349                       | 18                           | 1                        | 1368            |
| 0-24                  | 1401                       | 19                           | 1                        | 1422            |

**Total Vehicle Class Distribution**



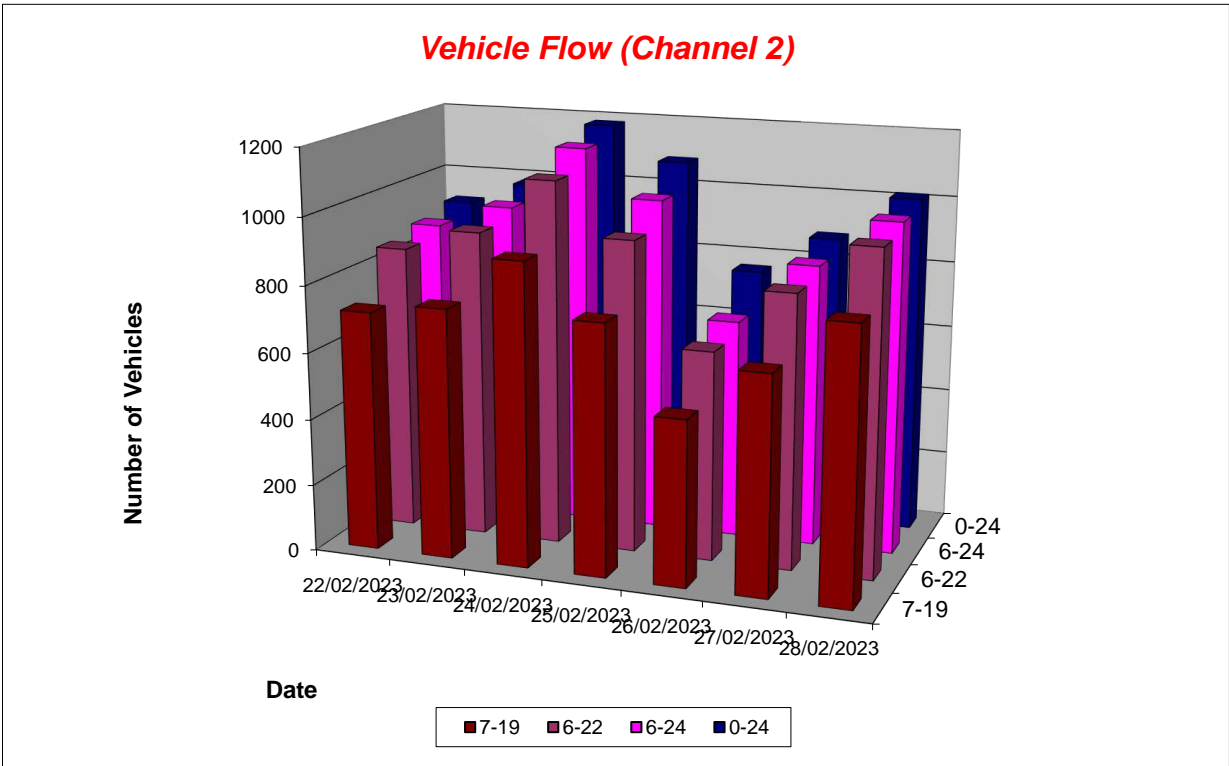
# Banbury ATC 1, Calthorpe Street (Southern Site)

Channel 2 - Southbound

Vehicle Flow

Week 1

| Hr Ending   | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday | Weekday<br>Average | Average    |
|-------------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|--------------------|------------|
| 1           | 11                      | 8                      | 10                   | 25                     | 26                   | 14                   | 9                     | 10                 | 15         |
| 2           | 5                       | 8                      | 6                    | 14                     | 21                   | 4                    | 5                     | 6                  | 9          |
| 3           | 3                       | 6                      | 9                    | 13                     | 25                   | 4                    | 3                     | 5                  | 9          |
| 4           | 2                       | 1                      | 5                    | 14                     | 17                   | 3                    | 1                     | 2                  | 6          |
| 5           | 2                       | 1                      | 1                    | 5                      | 9                    | 1                    | 4                     | 2                  | 3          |
| 6           | 7                       | 5                      | 4                    | 4                      | 3                    | 6                    | 1                     | 5                  | 4          |
| 7           | 12                      | 14                     | 14                   | 8                      | 7                    | 14                   | 15                    | 14                 | 12         |
| 8           | 24                      | 28                     | 25                   | 11                     | 6                    | 25                   | 21                    | 25                 | 20         |
| 9           | 40                      | 37                     | 40                   | 22                     | 12                   | 30                   | 48                    | 39                 | 33         |
| 10          | 37                      | 39                     | 44                   | 38                     | 17                   | 41                   | 46                    | 41                 | 37         |
| 11          | 31                      | 47                     | 54                   | 56                     | 37                   | 45                   | 49                    | 45                 | 46         |
| 12          | 23                      | 71                     | 65                   | 74                     | 44                   | 48                   | 73                    | 56                 | 57         |
| 13          | 74                      | 70                     | 66                   | 84                     | 67                   | 55                   | 81                    | 69                 | 71         |
| 14          | 70                      | 49                     | 93                   | 69                     | 58                   | 61                   | 65                    | 68                 | 66         |
| 15          | 59                      | 57                     | 85                   | 68                     | 63                   | 62                   | 59                    | 64                 | 65         |
| 16          | 59                      | 44                     | 75                   | 80                     | 41                   | 54                   | 59                    | 58                 | 59         |
| 17          | 93                      | 88                     | 97                   | 68                     | 53                   | 86                   | 85                    | 90                 | 81         |
| 18          | 130                     | 138                    | 145                  | 87                     | 45                   | 99                   | 142                   | 131                | 112        |
| 19          | 78                      | 80                     | 116                  | 92                     | 52                   | 43                   | 81                    | 80                 | 77         |
| 20          | 54                      | 73                     | 61                   | 70                     | 51                   | 52                   | 64                    | 61                 | 61         |
| 21          | 38                      | 49                     | 61                   | 67                     | 46                   | 49                   | 41                    | 48                 | 50         |
| 22          | 35                      | 39                     | 50                   | 40                     | 29                   | 54                   | 37                    | 43                 | 41         |
| 23          | 17                      | 20                     | 35                   | 39                     | 17                   | 19                   | 15                    | 21                 | 23         |
| 24          | 10                      | 12                     | 22                   | 34                     | 14                   | 9                    | 10                    | 13                 | 16         |
| <b>7-19</b> | <b>718</b>              | <b>748</b>             | <b>905</b>           | <b>749</b>             | <b>495</b>           | <b>649</b>           | <b>809</b>            | <b>766</b>         | <b>725</b> |
| <b>6-22</b> | <b>857</b>              | <b>923</b>             | <b>1091</b>          | <b>934</b>             | <b>628</b>           | <b>818</b>           | <b>966</b>            | <b>931</b>         | <b>888</b> |
| <b>6-24</b> | <b>884</b>              | <b>955</b>             | <b>1148</b>          | <b>1007</b>            | <b>659</b>           | <b>846</b>           | <b>991</b>            | <b>965</b>         | <b>927</b> |
| <b>0-24</b> | <b>914</b>              | <b>984</b>             | <b>1183</b>          | <b>1082</b>            | <b>760</b>           | <b>878</b>           | <b>1014</b>           | <b>995</b>         | <b>974</b> |



# Banbury ATC 1, Calthorpe Street (Southern Site)

## Channel 2 - Southbound

## Average Speed

## Week 1

| Hr Ending | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|-----------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 1         | 23.3                    | 24.9                   | 22.0                 | 22.0                   | 19.5                 | 24.2                 | 19.9                  |
| 2         | 21.1                    | 23.6                   | 18.7                 | 22.9                   | 23.0                 | 18.0                 | 26.0                  |
| 3         | 21.4                    | 11.8                   | 20.1                 | 20.5                   | 23.0                 | 21.0                 | 13.3                  |
| 4         | 24.2                    | 13.1                   | 22.5                 | 22.8                   | 23.6                 | 22.3                 | 14.8                  |
| 5         | 23.3                    | 23.9                   | 12.7                 | 18.6                   | 22.7                 | 16.5                 | 18.0                  |
| 6         | 22.4                    | 24.4                   | 19.8                 | 20.6                   | 19.1                 | 20.9                 | 24.0                  |
| 7         | 21.1                    | 20.8                   | 17.5                 | 23.7                   | 22.5                 | 21.4                 | 18.8                  |
| 8         | 19.8                    | 20.0                   | 18.8                 | 20.4                   | 21.8                 | 21.5                 | 21.6                  |
| 9         | 20.0                    | 21.3                   | 19.5                 | 22.1                   | 19.2                 | 19.9                 | 21.3                  |
| 10        | 17.8                    | 18.2                   | 18.2                 | 20.2                   | 21.5                 | 19.3                 | 18.8                  |
| 11        | 18.0                    | 17.9                   | 18.6                 | 17.8                   | 18.2                 | 19.0                 | 18.6                  |
| 12        | 18.0                    | 18.0                   | 18.2                 | 17.7                   | 18.7                 | 18.4                 | 16.9                  |
| 13        | 19.3                    | 17.4                   | 18.7                 | 17.2                   | 19.2                 | 19.4                 | 18.1                  |
| 14        | 18.8                    | 17.5                   | 18.6                 | 17.7                   | 18.7                 | 18.5                 | 18.9                  |
| 15        | 18.4                    | 19.2                   | 18.7                 | 17.2                   | 19.3                 | 17.9                 | 18.9                  |
| 16        | 19.3                    | 19.0                   | 18.4                 | 17.0                   | 20.5                 | 18.7                 | 18.1                  |
| 17        | 18.0                    | 16.7                   | 16.7                 | 17.7                   | 18.7                 | 19.5                 | 17.7                  |
| 18        | 19.3                    | 19.7                   | 19.3                 | 19.2                   | 19.7                 | 19.2                 | 17.3                  |
| 19        | 19.3                    | 19.6                   | 18.9                 | 20.5                   | 21.1                 | 19.3                 | 19.7                  |
| 20        | 21.5                    | 20.4                   | 18.8                 | 19.9                   | 18.6                 | 17.6                 | 19.6                  |
| 21        | 20.8                    | 20.3                   | 19.8                 | 19.1                   | 22.0                 | 19.9                 | 18.5                  |
| 22        | 20.5                    | 20.7                   | 20.1                 | 21.1                   | 22.7                 | 20.6                 | 19.8                  |
| 23        | 22.9                    | 19.4                   | 21.1                 | 21.3                   | 21.0                 | 19.3                 | 23.4                  |
| 24        | 20.9                    | 22.2                   | 20.2                 | 19.3                   | 20.6                 | 18.2                 | 25.4                  |
| 10-12     | 18.0                    | 18.0                   | 18.4                 | 17.8                   | 18.5                 | 18.7                 | 17.6                  |
| 14-16     | 18.9                    | 19.1                   | 18.6                 | 17.1                   | 19.8                 | 18.3                 | 18.5                  |
| 0-24      | 19.4                    | 19.1                   | 18.8                 | 19.0                   | 20.1                 | 19.3                 | 18.8                  |

|                    |      |
|--------------------|------|
| Average (ALL)      | 19.2 |
| Weekday Inter-Peak | 18.4 |

## Channel 2 - Southbound

## 85th Percentile

| Hr Ending | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|-----------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 1         | 28.3                    | 28.1                   | 27.2                 | 27.4                   | 24.3                 | 30.6                 | 25.7                  |
| 2         | 24.8                    | 28.5                   | 25.8                 | 28.5                   | 28.5                 | 27.3                 | 37.4                  |
| 3         | 27.3                    | 13.7                   | 25.5                 | 26.4                   | 27.0                 | 27.1                 | 13.8                  |
| 4         | 35.4                    | -                      | 26.4                 | 28.4                   | 29.6                 | 23.6                 | -                     |
| 5         | 30.5                    | -                      | -                    | 23.9                   | 26.2                 | -                    | 22.2                  |
| 6         | 26.6                    | 29.2                   | 24.5                 | 27.6                   | 25.8                 | 26.9                 | -                     |
| 7         | 24.1                    | 25.2                   | 23.8                 | 26.4                   | 27.0                 | 25.2                 | 22.0                  |
| 8         | 22.9                    | 23.6                   | 22.5                 | 23.0                   | 25.5                 | 26.7                 | 25.2                  |
| 9         | 24.7                    | 24.8                   | 24.2                 | 27.7                   | 23.9                 | 23.7                 | 24.9                  |
| 10        | 22.3                    | 23.2                   | 23.2                 | 24.7                   | 26.9                 | 23.3                 | 23.4                  |
| 11        | 22.9                    | 21.8                   | 23.2                 | 22.3                   | 24.1                 | 23.4                 | 23.8                  |
| 12        | 22.0                    | 22.3                   | 22.1                 | 22.1                   | 23.1                 | 22.3                 | 21.0                  |
| 13        | 24.0                    | 22.8                   | 23.4                 | 21.5                   | 22.9                 | 23.6                 | 22.4                  |
| 14        | 23.6                    | 22.0                   | 23.0                 | 21.8                   | 23.7                 | 23.1                 | 23.5                  |
| 15        | 22.6                    | 23.8                   | 22.8                 | 22.3                   | 23.7                 | 22.7                 | 24.3                  |
| 16        | 23.7                    | 24.0                   | 23.5                 | 21.2                   | 25.6                 | 22.4                 | 22.9                  |
| 17        | 22.3                    | 21.0                   | 21.7                 | 22.9                   | 23.3                 | 24.6                 | 22.0                  |
| 18        | 23.8                    | 24.9                   | 24.1                 | 23.6                   | 24.4                 | 24.2                 | 22.3                  |
| 19        | 25.1                    | 25.0                   | 23.4                 | 29.2                   | 26.6                 | 24.3                 | 25.2                  |
| 20        | 28.4                    | 26.4                   | 24.4                 | 25.0                   | 23.1                 | 23.4                 | 25.0                  |
| 21        | 26.5                    | 25.3                   | 26.5                 | 25.8                   | 31.8                 | 24.9                 | 24.0                  |
| 22        | 26.2                    | 25.3                   | 26.0                 | 25.6                   | 28.0                 | 25.0                 | 24.7                  |
| 23        | 28.6                    | 26.7                   | 28.0                 | 26.6                   | 28.3                 | 25.6                 | 28.1                  |
| 24        | 25.2                    | 27.9                   | 25.0                 | 24.5                   | 27.2                 | 24.8                 | 31.5                  |
| 10-12     | 22.5                    | 22.1                   | 22.6                 | 22.2                   | 23.6                 | 22.9                 | 22.3                  |
| 14-16     | 23.2                    | 23.9                   | 23.2                 | 21.7                   | 24.5                 | 22.7                 | 23.6                  |
| 0-24      | 24.5                    | 24.3                   | 23.9                 | 24.6                   | 25.7                 | 24.2                 | 23.9                  |

|                    |      |
|--------------------|------|
| 85th %ile (ALL)    | 24.4 |
| Weekday Inter-Peak | 22.9 |

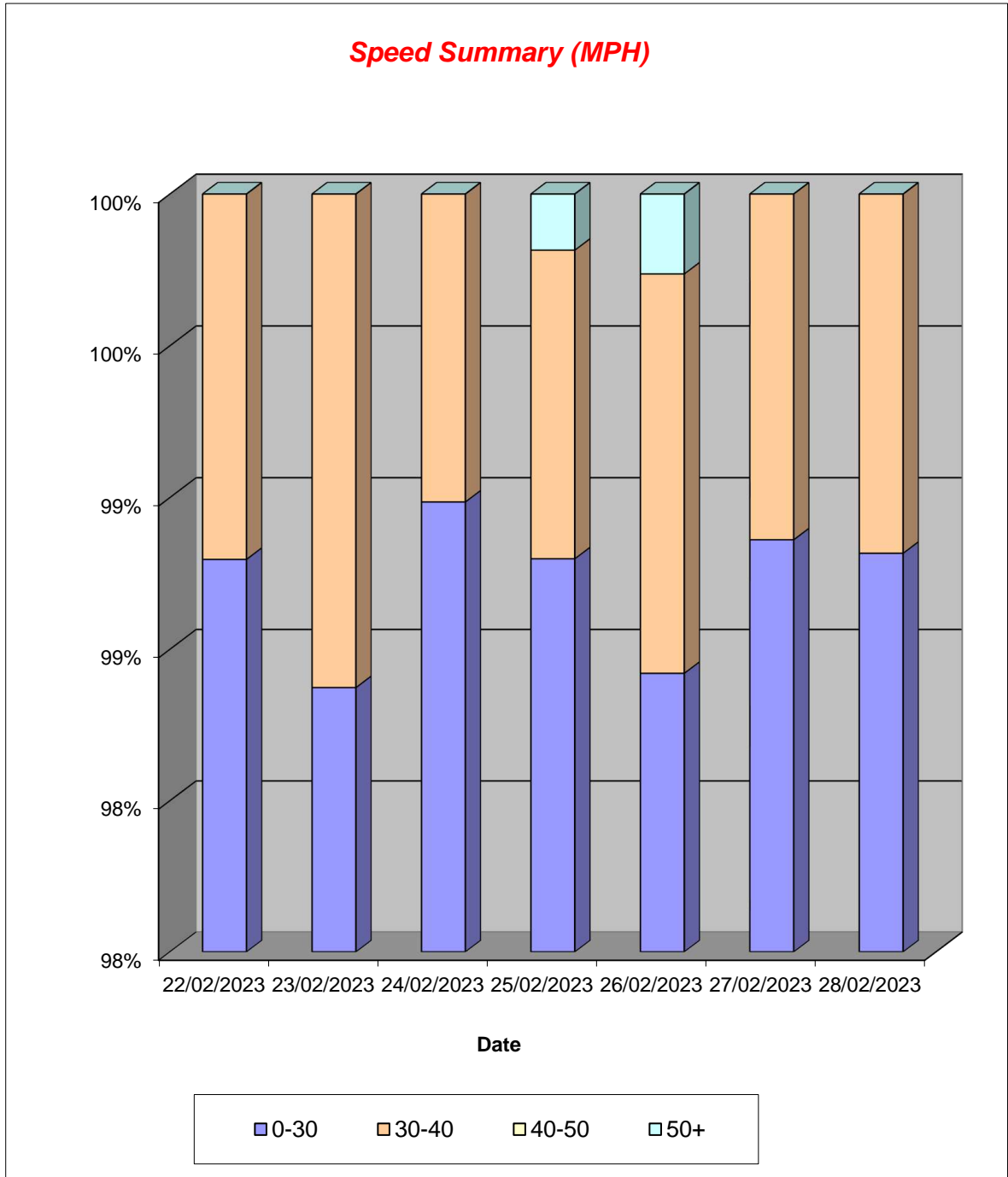
# Banbury ATC 1, Calthorpe Street (Southern Site)

Channel 2 - Southbound

Speed Summary

Week 1

| Speed (MPH)  | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|--------------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 0-30         | 903                     | 968                    | 1171                 | 1069                   | 748                  | 868                  | 1002                  |
| 30-40        | 11                      | 16                     | 12                   | 11                     | 10                   | 10                   | 12                    |
| 40-50        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     |
| 50+          | 0                       | 0                      | 0                    | 2                      | 2                    | 0                    | 0                     |
| <b>TOTAL</b> | <b>914</b>              | <b>984</b>             | <b>1183</b>          | <b>1082</b>            | <b>760</b>           | <b>878</b>           | <b>1014</b>           |



# Banbury ATC 1, Calthorpe Street (Southern Site)

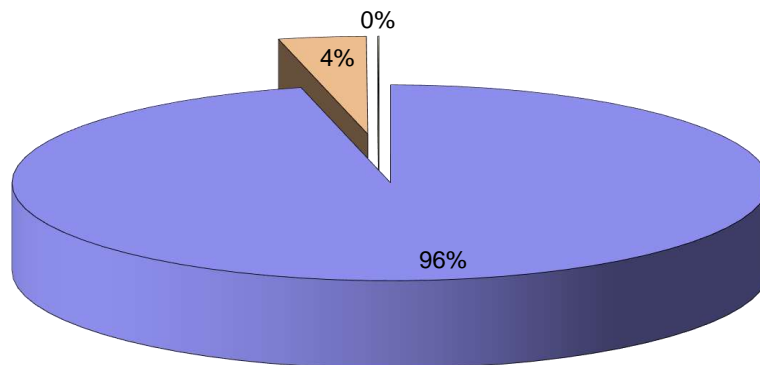
Channel 2 - Southbound

Vehicle Class

Week 1

| Classes<br>Day / Time | Car / LGV /<br>Caravan - 1 | OGV1 / Bus<br>- 2,3,5,6,7,12 | OGV2<br>- 4,8,9,10,11,13 | TOTAL<br>- 1-13 |
|-----------------------|----------------------------|------------------------------|--------------------------|-----------------|
| <b>22/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 688                        | 29                           | 1                        | 718             |
| 6-22                  | 821                        | 35                           | 1                        | 857             |
| 6-24                  | 848                        | 35                           | 1                        | 884             |
| 0-24                  | 877                        | 36                           | 1                        | 914             |
| <b>23/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 714                        | 33                           | 1                        | 748             |
| 6-22                  | 882                        | 39                           | 2                        | 923             |
| 6-24                  | 914                        | 39                           | 2                        | 955             |
| 0-24                  | 942                        | 40                           | 2                        | 984             |
| <b>24/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 868                        | 37                           | 0                        | 905             |
| 6-22                  | 1045                       | 45                           | 1                        | 1091            |
| 6-24                  | 1102                       | 45                           | 1                        | 1148            |
| 0-24                  | 1137                       | 45                           | 1                        | 1183            |
| <b>25/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 720                        | 29                           | 0                        | 749             |
| 6-22                  | 897                        | 37                           | 0                        | 934             |
| 6-24                  | 969                        | 38                           | 0                        | 1007            |
| 0-24                  | 1041                       | 41                           | 0                        | 1082            |
| <b>26/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 478                        | 17                           | 0                        | 495             |
| 6-22                  | 608                        | 20                           | 0                        | 628             |
| 6-24                  | 639                        | 20                           | 0                        | 659             |
| 0-24                  | 739                        | 21                           | 0                        | 760             |
| <b>27/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 622                        | 27                           | 0                        | 649             |
| 6-22                  | 785                        | 33                           | 0                        | 818             |
| 6-24                  | 813                        | 33                           | 0                        | 846             |
| 0-24                  | 845                        | 33                           | 0                        | 878             |
| <b>28/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 778                        | 31                           | 0                        | 809             |
| 6-22                  | 928                        | 38                           | 0                        | 966             |
| 6-24                  | 953                        | 38                           | 0                        | 991             |
| 0-24                  | 975                        | 39                           | 0                        | 1014            |
| <b>Average</b>        |                            |                              |                          |                 |
| 7-19                  | 695                        | 29                           | 0                        | 725             |
| 6-22                  | 852                        | 35                           | 1                        | 888             |
| 6-24                  | 891                        | 35                           | 1                        | 927             |
| 0-24                  | 937                        | 36                           | 1                        | 974             |

**Total Vehicle Class Distribution**



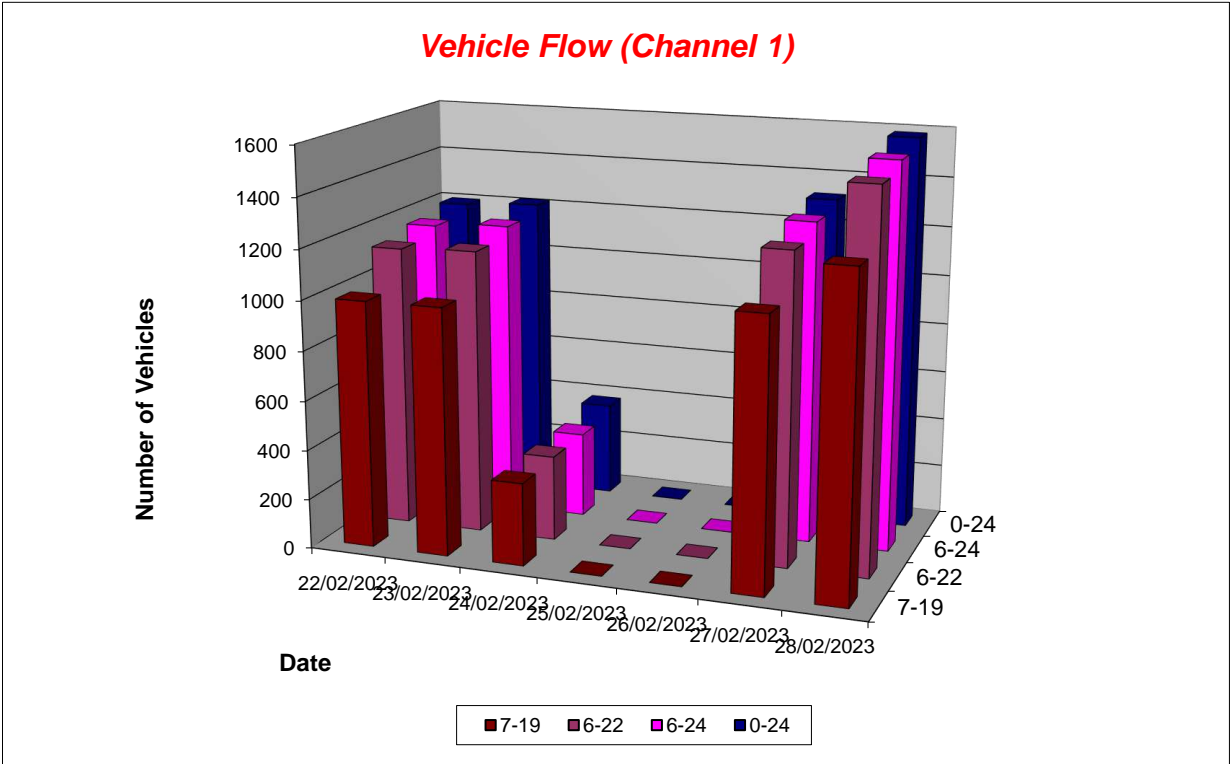
# Banbury ATC, Calthorpe Street (Northern Site)

Channel 1 - Northbound

Vehicle Flow

Week 1

| Hr Ending   | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday | Weekday<br>Average | Average     |
|-------------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|--------------------|-------------|
| 1           | 10                      | 10                     | 12                   | 0                      | 0                    | 9                    | 7                     | 10                 | 10          |
| 2           | 5                       | 2                      | 8                    | 0                      | 0                    | 6                    | 9                     | 6                  | 6           |
| 3           | 3                       | 7                      | 4                    | 0                      | 0                    | 4                    | 4                     | 4                  | 4           |
| 4           | 5                       | 5                      | 4                    | 0                      | 0                    | 5                    | 5                     | 5                  | 5           |
| 5           | 1                       | 2                      | 1                    | 0                      | 0                    | 1                    | 8                     | 3                  | 3           |
| 6           | 9                       | 5                      | 6                    | 0                      | 0                    | 4                    | 4                     | 6                  | 6           |
| 7           | 15                      | 7                      | 10                   | 0                      | 0                    | 15                   | 17                    | 13                 | 13          |
| 8           | 24                      | 20                     | 24                   | 0                      | 0                    | 41                   | 33                    | 28                 | 28          |
| 9           | 90                      | 90                     | 77                   | 0                      | 0                    | 127                  | 117                   | 100                | 100         |
| 10          | 70                      | 53                     | 80                   | 0                      | 0                    | 95                   | 124                   | 84                 | 84          |
| 11          | 54                      | 61                     | 65                   | 0                      | 0                    | 76                   | 79                    | 67                 | 67          |
| 12          | 77                      | 77                     | 87                   | 0                      | 0                    | 104                  | 103                   | 90                 | 90          |
| 13          | 85                      | 95                     | 0                    | 0                      | 0                    | 62                   | 111                   | 88                 | 88          |
| 14          | 84                      | 84                     | 0                    | 0                      | 0                    | 77                   | 112                   | 89                 | 89          |
| 15          | 93                      | 84                     | 0                    | 0                      | 0                    | 76                   | 100                   | 88                 | 88          |
| 16          | 98                      | 75                     | 0                    | 0                      | 0                    | 114                  | 104                   | 98                 | 98          |
| 17          | 102                     | 95                     | 0                    | 0                      | 0                    | 121                  | 126                   | 111                | 111         |
| 18          | 132                     | 139                    | 0                    | 0                      | 0                    | 105                  | 142                   | 130                | 130         |
| 19          | 84                      | 122                    | 0                    | 0                      | 0                    | 80                   | 123                   | 102                | 102         |
| 20          | 49                      | 64                     | 0                    | 0                      | 0                    | 85                   | 103                   | 75                 | 75          |
| 21          | 44                      | 46                     | 0                    | 0                      | 0                    | 34                   | 78                    | 51                 | 51          |
| 22          | 33                      | 34                     | 0                    | 0                      | 0                    | 33                   | 37                    | 34                 | 34          |
| 23          | 20                      | 30                     | 0                    | 0                      | 0                    | 29                   | 23                    | 26                 | 26          |
| 24          | 13                      | 10                     | 0                    | 0                      | 0                    | 17                   | 15                    | 14                 | 14          |
| <b>7-19</b> | <b>993</b>              | <b>995</b>             | <b>333</b>           | <b>0</b>               | <b>0</b>             | <b>1078</b>          | <b>1274</b>           | <b>1076</b>        | <b>1076</b> |
| <b>6-22</b> | <b>1134</b>             | <b>1146</b>            | <b>343</b>           | <b>0</b>               | <b>0</b>             | <b>1245</b>          | <b>1509</b>           | <b>1249</b>        | <b>1249</b> |
| <b>6-24</b> | <b>1167</b>             | <b>1186</b>            | <b>343</b>           | <b>0</b>               | <b>0</b>             | <b>1291</b>          | <b>1547</b>           | <b>1288</b>        | <b>1288</b> |
| <b>0-24</b> | <b>1200</b>             | <b>1217</b>            | <b>378</b>           | <b>0</b>               | <b>0</b>             | <b>1320</b>          | <b>1584</b>           | <b>1321</b>        | <b>1321</b> |



# Banbury ATC, Calthorpe Street (Northern Site)

## Channel 1 - Northbound

## Average Speed

## Week 1

| Hr Ending | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|-----------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 1         | 21.7                    | 17.8                   | 23.9                 | -                      | -                    | 19.4                 | 16.9                  |
| 2         | 20.2                    | 19.9                   | 20.8                 | -                      | -                    | 21.3                 | 19.0                  |
| 3         | 25.8                    | 22.4                   | 24.7                 | -                      | -                    | 16.7                 | 21.0                  |
| 4         | 19.3                    | 23.4                   | 26.6                 | -                      | -                    | 18.8                 | 23.7                  |
| 5         | 24.0                    | 16.2                   | 31.7                 | -                      | -                    | 23.3                 | 7.8                   |
| 6         | 18.3                    | 18.8                   | 21.6                 | -                      | -                    | 17.2                 | 16.5                  |
| 7         | 18.6                    | 20.2                   | 19.1                 | -                      | -                    | 17.2                 | 19.0                  |
| 8         | 19.4                    | 22.2                   | 19.9                 | -                      | -                    | 19.9                 | 21.7                  |
| 9         | 20.3                    | 22.1                   | 19.4                 | -                      | -                    | 20.7                 | 21.2                  |
| 10        | 17.4                    | 19.8                   | 17.9                 | -                      | -                    | 17.9                 | 20.0                  |
| 11        | 17.9                    | 17.8                   | 16.0                 | -                      | -                    | 17.5                 | 17.7                  |
| 12        | 15.7                    | 15.2                   | 18.2                 | -                      | -                    | 15.8                 | 15.5                  |
| 13        | 17.4                    | 18.5                   | -                    | -                      | -                    | 16.7                 | 18.3                  |
| 14        | 17.1                    | 16.2                   | -                    | -                      | -                    | 17.4                 | 17.0                  |
| 15        | 17.3                    | 15.6                   | -                    | -                      | -                    | 16.3                 | 17.3                  |
| 16        | 15.8                    | 18.2                   | -                    | -                      | -                    | 15.4                 | 17.2                  |
| 17        | 19.0                    | 17.6                   | -                    | -                      | -                    | 18.9                 | 17.6                  |
| 18        | 18.0                    | 17.3                   | -                    | -                      | -                    | 17.4                 | 16.7                  |
| 19        | 18.8                    | 19.0                   | -                    | -                      | -                    | 18.2                 | 19.9                  |
| 20        | 19.6                    | 19.3                   | -                    | -                      | -                    | 19.6                 | 19.8                  |
| 21        | 18.6                    | 18.8                   | -                    | -                      | -                    | 19.2                 | 17.2                  |
| 22        | 18.8                    | 20.6                   | -                    | -                      | -                    | 20.0                 | 18.2                  |
| 23        | 20.9                    | 18.7                   | -                    | -                      | -                    | 19.7                 | 15.9                  |
| 24        | 22.4                    | 18.2                   | -                    | -                      | -                    | 18.9                 | 22.6                  |
| 10-12     | 16.6                    | 16.3                   | 17.3                 | -                      | -                    | 16.5                 | 16.4                  |
| 14-16     | 16.5                    | 16.8                   | -                    | -                      | -                    | 15.7                 | 17.3                  |
| 0-24      | 18.1                    | 18.3                   | 18.6                 | -                      | -                    | 18.0                 | 18.2                  |

|                    |      |
|--------------------|------|
| Average (ALL)      | 18.2 |
| Weekday Inter-Peak | 16.6 |

## Channel 1 - Northbound

## 85th Percentile

| Hr Ending | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|-----------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 1         | 26.5                    | 23.6                   | 29.1                 | -                      | -                    | 23.8                 | 22.0                  |
| 2         | 24.2                    | 24.3                   | 26.8                 | -                      | -                    | 25.2                 | 21.4                  |
| 3         | 32.9                    | 27.5                   | 33.1                 | -                      | -                    | 19.1                 | 27.6                  |
| 4         | 22.0                    | 25.2                   | 35.8                 | -                      | -                    | 21.8                 | 25.4                  |
| 5         | -                       | 26.2                   | -                    | -                      | -                    | -                    | 9.1                   |
| 6         | 26.2                    | 23.2                   | 28.4                 | -                      | -                    | 23.8                 | 20.4                  |
| 7         | 25.8                    | 25.1                   | 24.8                 | -                      | -                    | 23.2                 | 24.9                  |
| 8         | 25.1                    | 28.4                   | 26.0                 | -                      | -                    | 25.3                 | 28.3                  |
| 9         | 25.1                    | 28.3                   | 24.6                 | -                      | -                    | 25.3                 | 26.4                  |
| 10        | 22.4                    | 24.6                   | 22.9                 | -                      | -                    | 23.5                 | 24.8                  |
| 11        | 22.5                    | 22.8                   | 21.2                 | -                      | -                    | 22.2                 | 22.5                  |
| 12        | 21.0                    | 20.0                   | 23.3                 | -                      | -                    | 20.5                 | 20.1                  |
| 13        | 22.9                    | 23.6                   | -                    | -                      | -                    | 21.6                 | 23.3                  |
| 14        | 22.1                    | 22.0                   | -                    | -                      | -                    | 22.4                 | 22.0                  |
| 15        | 22.6                    | 21.0                   | -                    | -                      | -                    | 21.0                 | 23.3                  |
| 16        | 21.5                    | 23.7                   | -                    | -                      | -                    | 20.5                 | 22.5                  |
| 17        | 24.4                    | 23.7                   | -                    | -                      | -                    | 24.6                 | 22.6                  |
| 18        | 23.3                    | 22.3                   | -                    | -                      | -                    | 22.4                 | 22.6                  |
| 19        | 25.2                    | 24.5                   | -                    | -                      | -                    | 24.7                 | 25.1                  |
| 20        | 25.7                    | 24.7                   | -                    | -                      | -                    | 24.7                 | 24.8                  |
| 21        | 25.8                    | 25.3                   | -                    | -                      | -                    | 25.1                 | 22.7                  |
| 22        | 25.1                    | 31.6                   | -                    | -                      | -                    | 25.2                 | 24.4                  |
| 23        | 28.0                    | 24.2                   | -                    | -                      | -                    | 27.3                 | 20.8                  |
| 24        | 31.5                    | 25.5                   | -                    | -                      | -                    | 27.5                 | 29.6                  |
| 10-12     | 21.8                    | 21.4                   | 22.5                 | -                      | -                    | 21.3                 | 21.2                  |
| 14-16     | 22.1                    | 22.4                   | -                    | -                      | -                    | 20.7                 | 23.0                  |
| 0-24      | 23.9                    | 24.3                   | 24.4                 | -                      | -                    | 23.6                 | 23.8                  |

|                    |      |
|--------------------|------|
| 85th %ile (ALL)    | 24.0 |
| Weekday Inter-Peak | 21.9 |



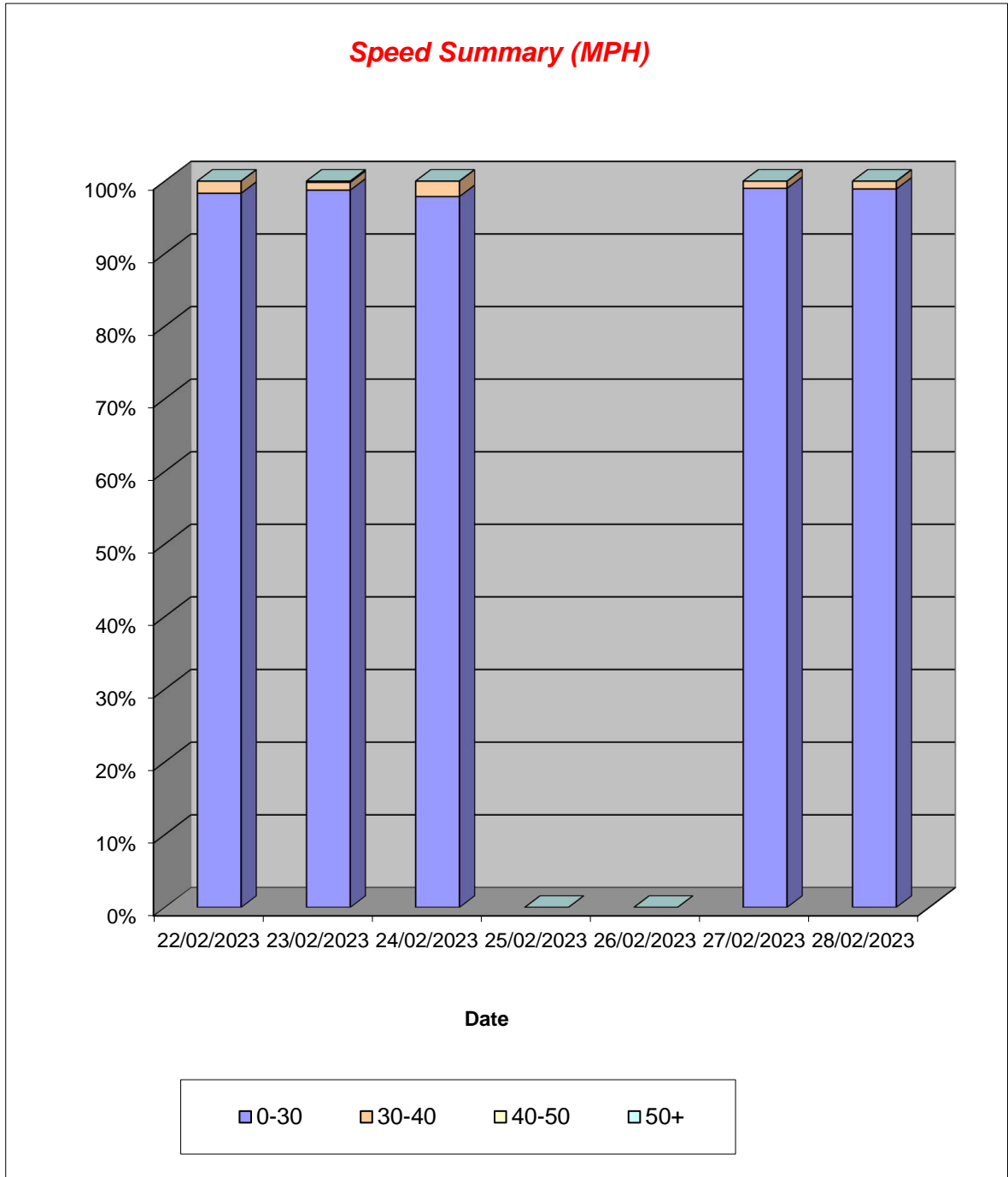
# Banbury ATC, Calthorpe Street (Northern Site)

Channel 1 - Northbound

Speed Summary

Week 1

| Speed (MPH)  | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|--------------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 0-30         | 1180                    | 1202                   | 370                  | 0                      | 0                    | 1307                 | 1567                  |
| 30-40        | 20                      | 13                     | 8                    | 0                      | 0                    | 13                   | 17                    |
| 40-50        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     |
| 50+          | 0                       | 2                      | 0                    | 0                      | 0                    | 0                    | 0                     |
| <b>TOTAL</b> | <b>1200</b>             | <b>1217</b>            | <b>378</b>           | <b>0</b>               | <b>0</b>             | <b>1320</b>          | <b>1584</b>           |



# Banbury ATC, Calthorpe Street (Northern Site)

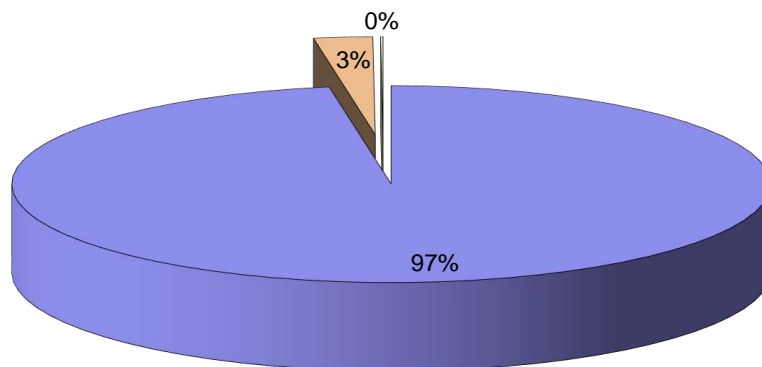
Channel 1 - Northbound

Vehicle Class

Week 1

| Classes<br>Day / Time | Car / LGV /<br>Caravan - 1 | OGV1 / Bus<br>- 2,3,5,6,7,12 | OGV2<br>- 4,8,9,10,11,13 | TOTAL<br>- 1-13 |
|-----------------------|----------------------------|------------------------------|--------------------------|-----------------|
| <b>22/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 961                        | 31                           | 1                        | 993             |
| 6-22                  | 1098                       | 35                           | 1                        | 1134            |
| 6-24                  | 1131                       | 35                           | 1                        | 1167            |
| 0-24                  | 1164                       | 35                           | 1                        | 1200            |
| <b>23/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 969                        | 26                           | 0                        | 995             |
| 6-22                  | 1117                       | 29                           | 0                        | 1146            |
| 6-24                  | 1156                       | 30                           | 0                        | 1186            |
| 0-24                  | 1186                       | 31                           | 0                        | 1217            |
| <b>24/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 320                        | 13                           | 0                        | 333             |
| 6-22                  | 330                        | 13                           | 0                        | 343             |
| 6-24                  | 330                        | 13                           | 0                        | 343             |
| 0-24                  | 364                        | 14                           | 0                        | 378             |
| <b>25/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 0                          | 0                            | 0                        | 0               |
| 6-22                  | 0                          | 0                            | 0                        | 0               |
| 6-24                  | 0                          | 0                            | 0                        | 0               |
| 0-24                  | 0                          | 0                            | 0                        | 0               |
| <b>26/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 0                          | 0                            | 0                        | 0               |
| 6-22                  | 0                          | 0                            | 0                        | 0               |
| 6-24                  | 0                          | 0                            | 0                        | 0               |
| 0-24                  | 0                          | 0                            | 0                        | 0               |
| <b>27/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 1054                       | 21                           | 3                        | 1078            |
| 6-22                  | 1217                       | 25                           | 3                        | 1245            |
| 6-24                  | 1263                       | 25                           | 3                        | 1291            |
| 0-24                  | 1292                       | 25                           | 3                        | 1320            |
| <b>28/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 1242                       | 31                           | 1                        | 1274            |
| 6-22                  | 1472                       | 36                           | 1                        | 1509            |
| 6-24                  | 1510                       | 36                           | 1                        | 1547            |
| 0-24                  | 1544                       | 38                           | 2                        | 1584            |
| <b>Average</b>        |                            |                              |                          |                 |
| 7-19                  | 649                        | 17                           | 1                        | 668             |
| 6-22                  | 748                        | 20                           | 1                        | 768             |
| 6-24                  | 770                        | 20                           | 1                        | 791             |
| 0-24                  | 793                        | 20                           | 1                        | 814             |

**Total Vehicle Class Distribution**



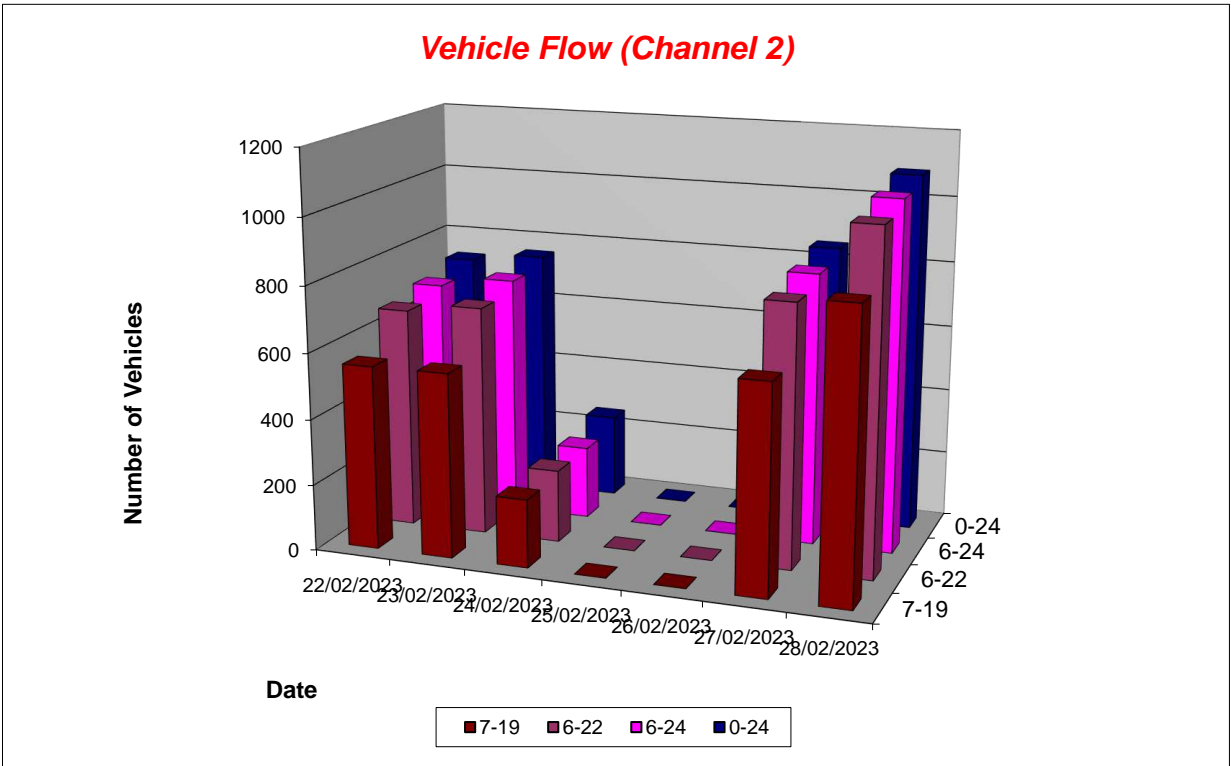
# Banbury ATC, Calthorpe Street (Northern Site)

Channel 2 - Southbound

Vehicle Flow

Week 1

| Hr Ending   | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday | Weekday<br>Average | Average    |
|-------------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|--------------------|------------|
| 1           | 11                      | 8                      | 9                    | 0                      | 0                    | 10                   | 14                    | 10                 | 10         |
| 2           | 6                       | 7                      | 4                    | 0                      | 0                    | 4                    | 5                     | 5                  | 5          |
| 3           | 4                       | 5                      | 8                    | 0                      | 0                    | 5                    | 2                     | 5                  | 5          |
| 4           | 3                       | 1                      | 5                    | 0                      | 0                    | 3                    | 1                     | 3                  | 3          |
| 5           | 2                       | 0                      | 0                    | 0                      | 0                    | 1                    | 5                     | 2                  | 2          |
| 6           | 8                       | 5                      | 5                    | 0                      | 0                    | 4                    | 1                     | 5                  | 5          |
| 7           | 16                      | 14                     | 13                   | 0                      | 0                    | 17                   | 17                    | 15                 | 15         |
| 8           | 25                      | 34                     | 24                   | 0                      | 0                    | 25                   | 22                    | 26                 | 26         |
| 9           | 40                      | 33                     | 45                   | 0                      | 0                    | 25                   | 57                    | 40                 | 40         |
| 10          | 50                      | 35                     | 49                   | 0                      | 0                    | 46                   | 41                    | 44                 | 44         |
| 11          | 48                      | 45                     | 40                   | 0                      | 0                    | 50                   | 58                    | 48                 | 48         |
| 12          | 46                      | 61                     | 49                   | 0                      | 0                    | 50                   | 83                    | 58                 | 58         |
| 13          | 44                      | 50                     | 0                    | 0                      | 0                    | 50                   | 88                    | 58                 | 58         |
| 14          | 57                      | 32                     | 0                    | 0                      | 0                    | 64                   | 69                    | 56                 | 56         |
| 15          | 39                      | 45                     | 0                    | 0                      | 0                    | 60                   | 53                    | 49                 | 49         |
| 16          | 51                      | 38                     | 0                    | 0                      | 0                    | 48                   | 63                    | 50                 | 50         |
| 17          | 46                      | 47                     | 0                    | 0                      | 0                    | 78                   | 97                    | 67                 | 67         |
| 18          | 58                      | 81                     | 0                    | 0                      | 0                    | 91                   | 142                   | 93                 | 93         |
| 19          | 53                      | 58                     | 0                    | 0                      | 0                    | 40                   | 90                    | 60                 | 60         |
| 20          | 37                      | 54                     | 0                    | 0                      | 0                    | 49                   | 60                    | 50                 | 50         |
| 21          | 32                      | 39                     | 0                    | 0                      | 0                    | 43                   | 49                    | 41                 | 41         |
| 22          | 27                      | 30                     | 0                    | 0                      | 0                    | 57                   | 39                    | 38                 | 38         |
| 23          | 16                      | 22                     | 0                    | 0                      | 0                    | 16                   | 19                    | 18                 | 18         |
| 24          | 10                      | 10                     | 0                    | 0                      | 0                    | 14                   | 11                    | 11                 | 11         |
| <b>7-19</b> | <b>557</b>              | <b>559</b>             | <b>207</b>           | <b>0</b>               | <b>0</b>             | <b>627</b>           | <b>863</b>            | <b>649</b>         | <b>649</b> |
| <b>6-22</b> | <b>669</b>              | <b>696</b>             | <b>220</b>           | <b>0</b>               | <b>0</b>             | <b>793</b>           | <b>1028</b>           | <b>794</b>         | <b>794</b> |
| <b>6-24</b> | <b>695</b>              | <b>728</b>             | <b>220</b>           | <b>0</b>               | <b>0</b>             | <b>823</b>           | <b>1058</b>           | <b>823</b>         | <b>823</b> |
| <b>0-24</b> | <b>729</b>              | <b>754</b>             | <b>251</b>           | <b>0</b>               | <b>0</b>             | <b>850</b>           | <b>1086</b>           | <b>852</b>         | <b>852</b> |



# Banbury ATC, Calthorpe Street (Northern Site)

## Channel 2 - Southbound

## Average Speed

## Week 1

| Hr Ending | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|-----------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 1         | 21.5                    | 19.2                   | 20.8                 | -                      | -                    | 19.4                 | 15.9                  |
| 2         | 22.9                    | 23.1                   | 26.8                 | -                      | -                    | 17.8                 | 24.2                  |
| 3         | 22.7                    | 18.4                   | 22.1                 | -                      | -                    | 20.5                 | 21.3                  |
| 4         | 28.0                    | 27.1                   | 22.3                 | -                      | -                    | 23.8                 | 27.1                  |
| 5         | 18.3                    | -                      | -                    | -                      | -                    | 15.6                 | 22.8                  |
| 6         | 20.3                    | 24.0                   | 24.6                 | -                      | -                    | 19.3                 | 24.7                  |
| 7         | 23.2                    | 22.8                   | 23.0                 | -                      | -                    | 23.1                 | 21.6                  |
| 8         | 20.1                    | 21.0                   | 20.0                 | -                      | -                    | 18.5                 | 17.1                  |
| 9         | 21.2                    | 21.1                   | 22.1                 | -                      | -                    | 21.8                 | 21.4                  |
| 10        | 19.1                    | 19.9                   | 18.2                 | -                      | -                    | 19.2                 | 19.6                  |
| 11        | 19.3                    | 19.6                   | 18.6                 | -                      | -                    | 18.5                 | 19.7                  |
| 12        | 17.8                    | 18.1                   | 18.8                 | -                      | -                    | 16.7                 | 17.6                  |
| 13        | 20.3                    | 19.9                   | -                    | -                      | -                    | 19.6                 | 19.5                  |
| 14        | 18.2                    | 19.8                   | -                    | -                      | -                    | 18.1                 | 19.7                  |
| 15        | 19.3                    | 19.8                   | -                    | -                      | -                    | 18.8                 | 18.8                  |
| 16        | 18.8                    | 19.6                   | -                    | -                      | -                    | 18.1                 | 19.3                  |
| 17        | 19.7                    | 18.9                   | -                    | -                      | -                    | 17.8                 | 17.2                  |
| 18        | 20.9                    | 21.1                   | -                    | -                      | -                    | 19.6                 | 19.8                  |
| 19        | 21.4                    | 21.8                   | -                    | -                      | -                    | 20.1                 | 22.2                  |
| 20        | 21.3                    | 20.9                   | -                    | -                      | -                    | 21.2                 | 22.3                  |
| 21        | 22.1                    | 22.0                   | -                    | -                      | -                    | 21.4                 | 21.0                  |
| 22        | 21.0                    | 21.4                   | -                    | -                      | -                    | 22.0                 | 22.1                  |
| 23        | 23.6                    | 19.2                   | -                    | -                      | -                    | 22.1                 | 18.5                  |
| 24        | 20.9                    | 20.4                   | -                    | -                      | -                    | 19.5                 | 22.3                  |
| 10-12     | 18.5                    | 18.7                   | 18.7                 | -                      | -                    | 17.6                 | 18.5                  |
| 14-16     | 19.1                    | 19.7                   | -                    | -                      | -                    | 18.5                 | 19.1                  |
| 0-24      | 20.2                    | 20.4                   | 20.1                 | -                      | -                    | 19.5                 | 19.8                  |

|                    |      |
|--------------------|------|
| Average (ALL)      | 19.9 |
| Weekday Inter-Peak | 18.7 |

## Channel 2 - Southbound

## 85th Percentile

| Hr Ending | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|-----------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 1         | 26.2                    | 23.1                   | 26.5                 | -                      | -                    | 23.3                 | 18.6                  |
| 2         | 28.5                    | 26.6                   | 32.1                 | -                      | -                    | 23.9                 | 28.3                  |
| 3         | 26.8                    | 25.4                   | 28.2                 | -                      | -                    | 24.3                 | 22.0                  |
| 4         | 33.6                    | -                      | 29.1                 | -                      | -                    | 26.1                 | -                     |
| 5         | 20.3                    | -                      | -                    | -                      | -                    | -                    | 24.5                  |
| 6         | 24.4                    | 28.9                   | 28.6                 | -                      | -                    | 23.2                 | -                     |
| 7         | 26.8                    | 28.7                   | 29.6                 | -                      | -                    | 27.6                 | 28.0                  |
| 8         | 24.7                    | 28.3                   | 25.4                 | -                      | -                    | 24.5                 | 23.5                  |
| 9         | 27.4                    | 25.5                   | 26.0                 | -                      | -                    | 27.3                 | 25.3                  |
| 10        | 23.9                    | 26.4                   | 23.9                 | -                      | -                    | 23.6                 | 24.5                  |
| 11        | 23.8                    | 24.6                   | 23.6                 | -                      | -                    | 22.5                 | 24.9                  |
| 12        | 21.9                    | 23.1                   | 24.3                 | -                      | -                    | 20.8                 | 22.3                  |
| 13        | 26.3                    | 24.9                   | -                    | -                      | -                    | 25.0                 | 24.6                  |
| 14        | 23.1                    | 25.6                   | -                    | -                      | -                    | 22.8                 | 25.0                  |
| 15        | 23.9                    | 26.1                   | -                    | -                      | -                    | 23.2                 | 25.4                  |
| 16        | 23.7                    | 25.5                   | -                    | -                      | -                    | 23.5                 | 24.7                  |
| 17        | 24.6                    | 24.0                   | -                    | -                      | -                    | 22.2                 | 22.9                  |
| 18        | 27.2                    | 26.6                   | -                    | -                      | -                    | 25.7                 | 25.5                  |
| 19        | 25.6                    | 28.2                   | -                    | -                      | -                    | 23.2                 | 29.0                  |
| 20        | 26.9                    | 26.1                   | -                    | -                      | -                    | 26.4                 | 28.1                  |
| 21        | 27.3                    | 28.8                   | -                    | -                      | -                    | 26.6                 | 25.6                  |
| 22        | 25.8                    | 26.7                   | -                    | -                      | -                    | 26.7                 | 26.5                  |
| 23        | 28.7                    | 25.7                   | -                    | -                      | -                    | 26.7                 | 23.9                  |
| 24        | 25.4                    | 26.8                   | -                    | -                      | -                    | 22.6                 | 28.1                  |
| 10-12     | 22.9                    | 23.7                   | 24.0                 | -                      | -                    | 21.8                 | 23.5                  |
| 14-16     | 23.8                    | 25.8                   | -                    | -                      | -                    | 23.4                 | 25.0                  |
| 0-24      | 25.5                    | 26.2                   | 25.8                 | -                      | -                    | 24.6                 | 25.5                  |

|                    |      |
|--------------------|------|
| 85th %ile (ALL)    | 25.4 |
| Weekday Inter-Peak | 23.9 |

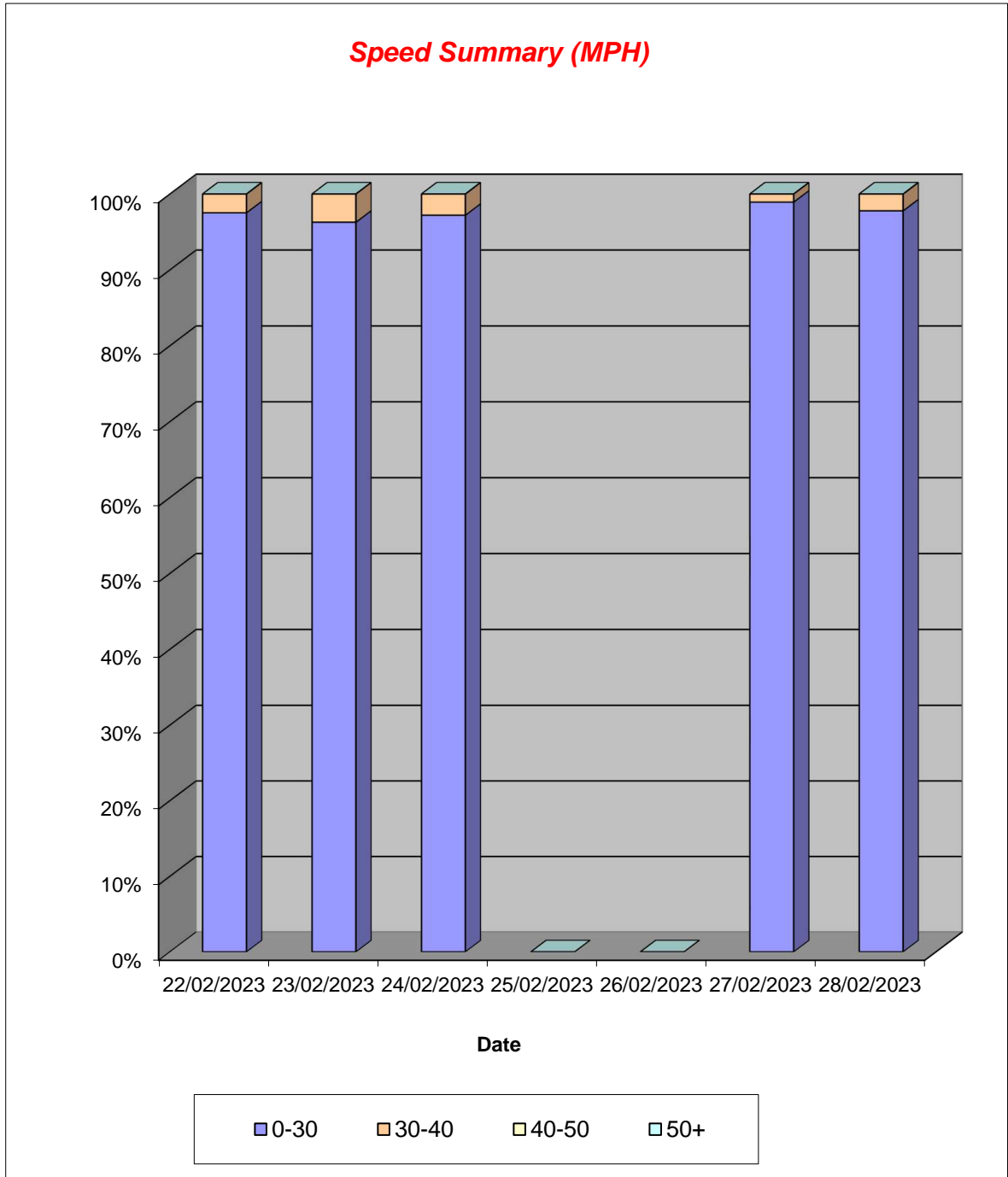
# Banbury ATC, Calthorpe Street (Northern Site)

Channel 2 - Southbound

Speed Summary

Week 1

| Speed (MPH)  | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|--------------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 0-30         | 711                     | 726                    | 244                  | 0                      | 0                    | 841                  | 1062                  |
| 30-40        | 18                      | 28                     | 7                    | 0                      | 0                    | 9                    | 24                    |
| 40-50        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     |
| 50+          | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     |
| <b>TOTAL</b> | <b>729</b>              | <b>754</b>             | <b>251</b>           | <b>0</b>               | <b>0</b>             | <b>850</b>           | <b>1086</b>           |



# Banbury ATC, Calthorpe Street (Northern Site)

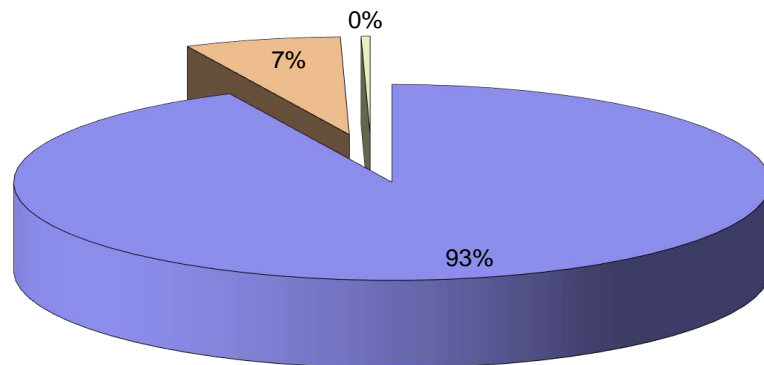
Channel 2 - Southbound

Vehicle Class

Week 1

| Classes<br>Day / Time | Car / LGV /<br>Caravan - 1 | OGV1 / Bus<br>- 2,3,5,6,7,12 | OGV2<br>- 4,8,9,10,11,13 | TOTAL<br>- 1-13 |
|-----------------------|----------------------------|------------------------------|--------------------------|-----------------|
| <b>22/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 517                        | 39                           | 1                        | 557             |
| 6-22                  | 618                        | 50                           | 1                        | 669             |
| 6-24                  | 644                        | 50                           | 1                        | 695             |
| 0-24                  | 675                        | 53                           | 1                        | 729             |
| <b>23/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 522                        | 37                           | 0                        | 559             |
| 6-22                  | 648                        | 47                           | 1                        | 696             |
| 6-24                  | 680                        | 47                           | 1                        | 728             |
| 0-24                  | 705                        | 48                           | 1                        | 754             |
| <b>24/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 185                        | 22                           | 0                        | 207             |
| 6-22                  | 194                        | 26                           | 0                        | 220             |
| 6-24                  | 194                        | 26                           | 0                        | 220             |
| 0-24                  | 224                        | 27                           | 0                        | 251             |
| <b>25/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 0                          | 0                            | 0                        | 0               |
| 6-22                  | 0                          | 0                            | 0                        | 0               |
| 6-24                  | 0                          | 0                            | 0                        | 0               |
| 0-24                  | 0                          | 0                            | 0                        | 0               |
| <b>26/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 0                          | 0                            | 0                        | 0               |
| 6-22                  | 0                          | 0                            | 0                        | 0               |
| 6-24                  | 0                          | 0                            | 0                        | 0               |
| 0-24                  | 0                          | 0                            | 0                        | 0               |
| <b>27/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 586                        | 35                           | 6                        | 627             |
| 6-22                  | 741                        | 46                           | 6                        | 793             |
| 6-24                  | 771                        | 46                           | 6                        | 823             |
| 0-24                  | 796                        | 48                           | 6                        | 850             |
| <b>28/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 803                        | 57                           | 3                        | 863             |
| 6-22                  | 954                        | 69                           | 5                        | 1028            |
| 6-24                  | 984                        | 69                           | 5                        | 1058            |
| 0-24                  | 1011                       | 69                           | 6                        | 1086            |
| <b>Average</b>        |                            |                              |                          |                 |
| 7-19                  | 373                        | 27                           | 1                        | 402             |
| 6-22                  | 451                        | 34                           | 2                        | 487             |
| 6-24                  | 468                        | 34                           | 2                        | 503             |
| 0-24                  | 487                        | 35                           | 2                        | 524             |

**Total Vehicle Class Distribution**



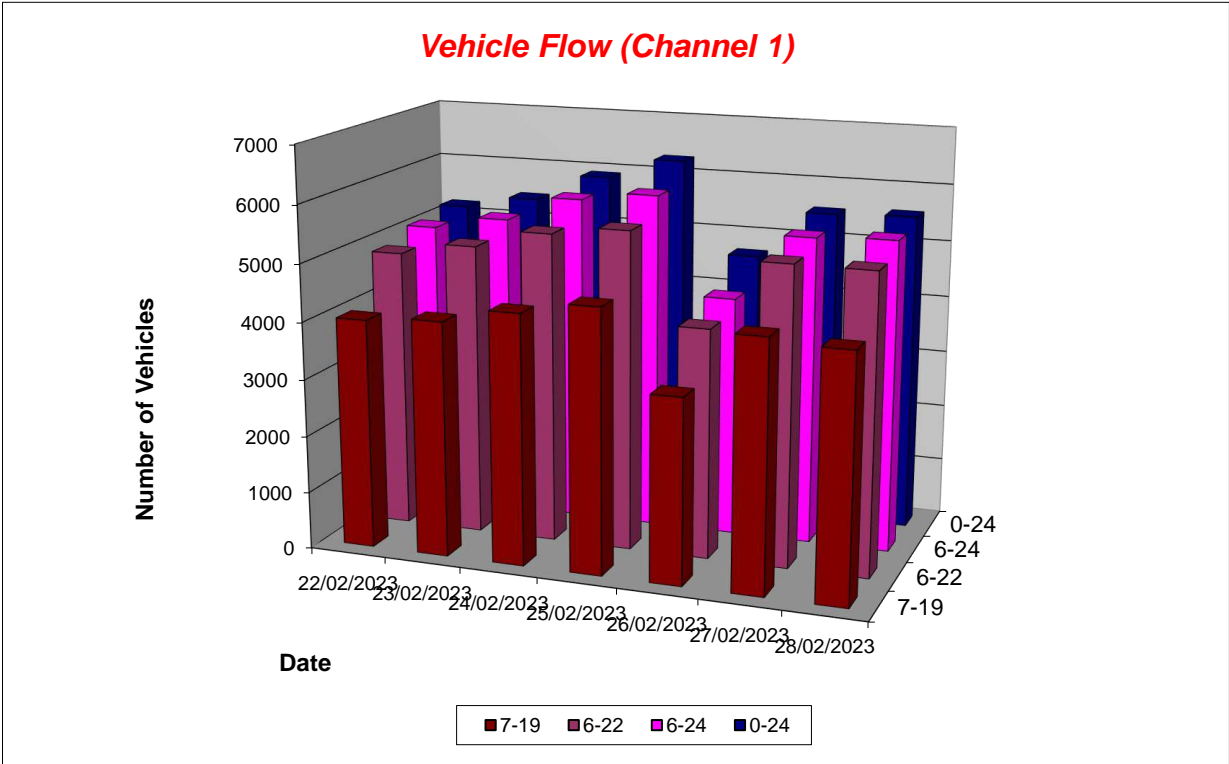
# Banbury ATC 3, Marlborough Road

Channel 1 - Northbound

Vehicle Flow

Week 1

| Hr Ending | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday | Weekday<br>Average | Average |
|-----------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|--------------------|---------|
| 1         | 31                      | 29                     | 34                   | 99                     | 137                  | 39                   | 40                    | 35                 | 58      |
| 2         | 19                      | 15                     | 29                   | 65                     | 109                  | 19                   | 17                    | 20                 | 39      |
| 3         | 7                       | 12                     | 20                   | 55                     | 73                   | 15                   | 12                    | 13                 | 28      |
| 4         | 17                      | 9                      | 14                   | 70                     | 53                   | 10                   | 8                     | 12                 | 26      |
| 5         | 14                      | 11                     | 12                   | 53                     | 65                   | 10                   | 16                    | 13                 | 26      |
| 6         | 44                      | 49                     | 48                   | 30                     | 23                   | 52                   | 38                    | 46                 | 41      |
| 7         | 111                     | 92                     | 115                  | 77                     | 52                   | 103                  | 117                   | 108                | 95      |
| 8         | 155                     | 194                    | 201                  | 114                    | 58                   | 217                  | 194                   | 192                | 162     |
| 9         | 320                     | 306                    | 302                  | 226                    | 100                  | 347                  | 298                   | 315                | 271     |
| 10        | 331                     | 285                    | 373                  | 357                    | 147                  | 342                  | 304                   | 327                | 306     |
| 11        | 309                     | 333                    | 313                  | 392                    | 250                  | 292                  | 311                   | 312                | 314     |
| 12        | 315                     | 374                    | 393                  | 416                    | 336                  | 338                  | 340                   | 352                | 359     |
| 13        | 320                     | 374                    | 388                  | 431                    | 397                  | 414                  | 357                   | 371                | 383     |
| 14        | 330                     | 341                    | 322                  | 420                    | 350                  | 364                  | 443                   | 360                | 367     |
| 15        | 346                     | 357                    | 416                  | 465                    | 329                  | 432                  | 400                   | 390                | 392     |
| 16        | 386                     | 345                    | 358                  | 459                    | 329                  | 338                  | 408                   | 367                | 375     |
| 17        | 389                     | 371                    | 371                  | 424                    | 324                  | 393                  | 361                   | 377                | 376     |
| 18        | 455                     | 454                    | 474                  | 473                    | 315                  | 436                  | 439                   | 452                | 435     |
| 19        | 361                     | 375                    | 458                  | 414                    | 290                  | 430                  | 402                   | 405                | 390     |
| 20        | 330                     | 415                    | 353                  | 354                    | 309                  | 331                  | 346                   | 355                | 348     |
| 21        | 246                     | 269                    | 308                  | 281                    | 232                  | 271                  | 281                   | 275                | 270     |
| 22        | 175                     | 215                    | 273                  | 268                    | 198                  | 169                  | 212                   | 209                | 216     |
| 23        | 119                     | 136                    | 215                  | 223                    | 97                   | 98                   | 152                   | 144                | 149     |
| 24        | 80                      | 73                     | 124                  | 120                    | 99                   | 61                   | 65                    | 81                 | 89      |
| 7-19      | 4017                    | 4109                   | 4369                 | 4591                   | 3225                 | 4343                 | 4257                  | 4219               | 4130    |
| 6-22      | 4879                    | 5100                   | 5418                 | 5571                   | 4016                 | 5217                 | 5213                  | 5165               | 5059    |
| 6-24      | 5078                    | 5309                   | 5757                 | 5914                   | 4212                 | 5376                 | 5430                  | 5390               | 5297    |
| 0-24      | 5210                    | 5434                   | 5914                 | 6286                   | 4672                 | 5521                 | 5561                  | 5528               | 5514    |



# Banbury ATC 3, Marlborough Road

## Channel 1 - Northbound

## Average Speed

## Week 1

| Hr Ending | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|-----------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 1         | 20.4                    | 24.0                   | 24.3                 | 21.9                   | 22.4                 | 23.1                 | 24.4                  |
| 2         | 22.0                    | 23.3                   | 23.1                 | 22.0                   | 21.9                 | 21.8                 | 24.3                  |
| 3         | 20.0                    | 22.8                   | 22.3                 | 22.3                   | 22.8                 | 23.5                 | 22.3                  |
| 4         | 26.6                    | 23.5                   | 25.9                 | 22.5                   | 22.4                 | 23.1                 | 24.0                  |
| 5         | 20.8                    | 25.1                   | 23.4                 | 23.5                   | 22.1                 | 19.7                 | 24.7                  |
| 6         | 21.0                    | 21.0                   | 21.3                 | 23.4                   | 21.7                 | 22.7                 | 22.7                  |
| 7         | 22.4                    | 22.0                   | 21.7                 | 23.0                   | 20.5                 | 22.4                 | 22.8                  |
| 8         | 21.5                    | 21.8                   | 21.2                 | 22.0                   | 20.7                 | 20.7                 | 20.6                  |
| 9         | 21.2                    | 22.5                   | 21.8                 | 21.6                   | 21.5                 | 21.9                 | 21.3                  |
| 10        | 20.5                    | 21.4                   | 20.3                 | 20.7                   | 21.8                 | 19.9                 | 20.8                  |
| 11        | 20.0                    | 20.5                   | 20.0                 | 21.0                   | 19.9                 | 19.3                 | 19.8                  |
| 12        | 19.4                    | 19.3                   | 20.3                 | 19.4                   | 19.6                 | 19.9                 | 19.1                  |
| 13        | 19.9                    | 20.1                   | 20.2                 | 20.1                   | 19.3                 | 19.1                 | 19.7                  |
| 14        | 20.9                    | 20.6                   | 20.9                 | 20.7                   | 19.6                 | 20.0                 | 19.7                  |
| 15        | 20.5                    | 20.2                   | 19.8                 | 19.1                   | 20.2                 | 20.0                 | 20.0                  |
| 16        | 19.9                    | 21.3                   | 20.7                 | 20.0                   | 19.4                 | 20.8                 | 20.0                  |
| 17        | 20.6                    | 21.2                   | 21.2                 | 20.6                   | 19.7                 | 20.6                 | 20.5                  |
| 18        | 20.6                    | 20.6                   | 20.2                 | 20.8                   | 21.2                 | 21.2                 | 19.6                  |
| 19        | 20.5                    | 21.1                   | 20.9                 | 20.9                   | 21.1                 | 20.0                 | 19.8                  |
| 20        | 19.9                    | 20.4                   | 21.3                 | 21.1                   | 21.4                 | 20.3                 | 20.4                  |
| 21        | 20.6                    | 21.6                   | 21.6                 | 21.1                   | 21.5                 | 21.0                 | 19.3                  |
| 22        | 21.5                    | 22.3                   | 20.7                 | 21.4                   | 21.7                 | 22.1                 | 20.6                  |
| 23        | 21.7                    | 22.8                   | 21.5                 | 22.1                   | 23.6                 | 21.1                 | 22.8                  |
| 24        | 22.8                    | 23.3                   | 22.6                 | 22.8                   | 23.1                 | 23.5                 | 22.0                  |
| 10-12     | 19.7                    | 19.8                   | 20.2                 | 20.1                   | 19.7                 | 19.6                 | 19.5                  |
| 14-16     | 20.2                    | 20.8                   | 20.2                 | 19.6                   | 19.8                 | 20.4                 | 20.0                  |
| 0-24      | 20.6                    | 21.0                   | 20.8                 | 20.8                   | 20.7                 | 20.5                 | 20.3                  |

|                    |      |
|--------------------|------|
| Average (ALL)      | 20.7 |
| Weekday Inter-Peak | 20.1 |

## Channel 1 - Northbound

## 85th Percentile

| Hr Ending | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|-----------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 1         | 25.0                    | 28.5                   | 28.7                 | 26.4                   | 26.2                 | 28.3                 | 28.1                  |
| 2         | 27.4                    | 28.1                   | 27.2                 | 26.0                   | 25.9                 | 25.5                 | 29.0                  |
| 3         | 26.1                    | 26.8                   | 25.8                 | 25.8                   | 26.2                 | 27.9                 | 26.3                  |
| 4         | 35.3                    | 26.3                   | 29.1                 | 26.6                   | 27.1                 | 26.4                 | 28.1                  |
| 5         | 26.7                    | 28.7                   | 27.0                 | 27.0                   | 26.0                 | 22.1                 | 29.8                  |
| 6         | 26.0                    | 26.1                   | 26.0                 | 28.0                   | 27.1                 | 27.9                 | 28.9                  |
| 7         | 26.5                    | 25.8                   | 25.9                 | 27.1                   | 25.2                 | 26.6                 | 26.6                  |
| 8         | 26.0                    | 25.8                   | 25.3                 | 25.8                   | 24.2                 | 25.0                 | 24.6                  |
| 9         | 25.2                    | 26.6                   | 26.2                 | 26.0                   | 25.0                 | 25.6                 | 25.8                  |
| 10        | 24.5                    | 25.3                   | 24.5                 | 24.6                   | 26.0                 | 23.7                 | 24.9                  |
| 11        | 24.2                    | 25.1                   | 24.7                 | 25.2                   | 24.4                 | 23.7                 | 24.0                  |
| 12        | 23.4                    | 23.5                   | 24.6                 | 23.6                   | 23.3                 | 23.7                 | 23.4                  |
| 13        | 24.5                    | 24.8                   | 24.9                 | 24.5                   | 23.7                 | 22.7                 | 24.3                  |
| 14        | 24.9                    | 24.9                   | 25.4                 | 24.9                   | 24.2                 | 24.1                 | 23.7                  |
| 15        | 24.8                    | 24.6                   | 24.4                 | 23.5                   | 24.7                 | 24.0                 | 24.3                  |
| 16        | 24.0                    | 25.8                   | 25.1                 | 24.0                   | 24.1                 | 24.8                 | 24.0                  |
| 17        | 25.0                    | 25.0                   | 25.9                 | 25.2                   | 24.0                 | 24.2                 | 25.1                  |
| 18        | 24.4                    | 25.0                   | 24.4                 | 24.6                   | 24.9                 | 25.2                 | 24.2                  |
| 19        | 24.6                    | 25.1                   | 25.3                 | 24.8                   | 26.5                 | 24.1                 | 24.1                  |
| 20        | 24.6                    | 24.4                   | 25.3                 | 24.8                   | 25.2                 | 25.4                 | 24.5                  |
| 21        | 24.5                    | 25.5                   | 25.9                 | 25.1                   | 25.7                 | 25.2                 | 24.5                  |
| 22        | 26.0                    | 26.1                   | 24.9                 | 24.8                   | 25.7                 | 26.3                 | 25.0                  |
| 23        | 25.7                    | 26.8                   | 25.2                 | 25.8                   | 27.5                 | 25.2                 | 26.6                  |
| 24        | 27.7                    | 28.1                   | 26.2                 | 27.0                   | 26.1                 | 27.1                 | 26.2                  |
| 10-12     | 23.8                    | 24.3                   | 24.7                 | 24.4                   | 23.7                 | 23.7                 | 23.8                  |
| 14-16     | 24.4                    | 25.3                   | 24.7                 | 23.8                   | 24.4                 | 24.4                 | 24.2                  |
| 0-24      | 24.9                    | 25.3                   | 25.2                 | 25.0                   | 25.1                 | 24.7                 | 24.8                  |

|                    |      |
|--------------------|------|
| 85th %ile (ALL)    | 25.0 |
| Weekday Inter-Peak | 24.4 |



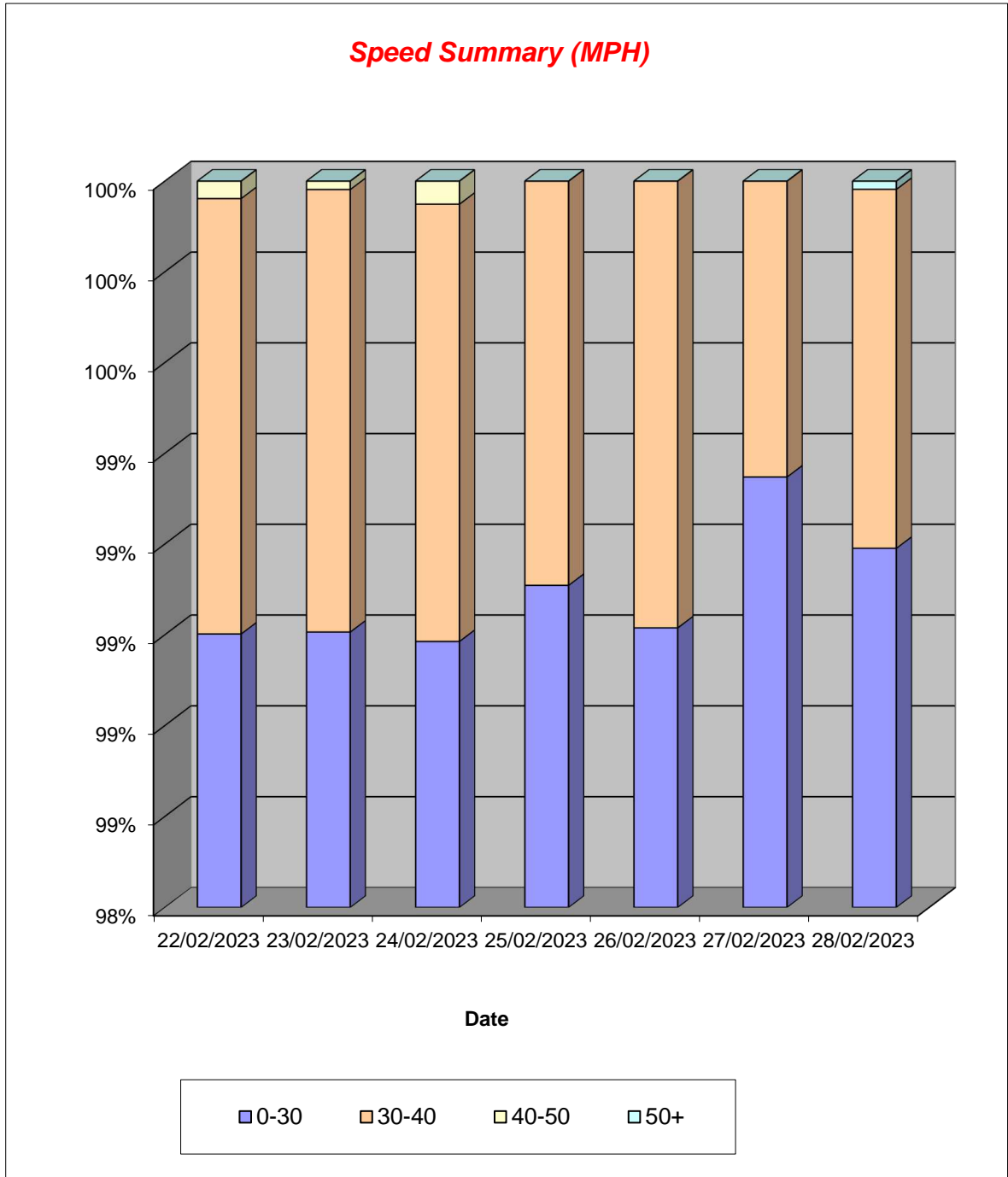
# Banbury ATC 3, Marlborough Road

Channel 1 - Northbound

Speed Summary

Week 1

| Speed (MPH)  | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|--------------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 0-30         | 5158                    | 5380                   | 5854                 | 6230                   | 4626                 | 5485                 | 5516                  |
| 30-40        | 50                      | 53                     | 57                   | 56                     | 46                   | 36                   | 44                    |
| 40-50        | 2                       | 1                      | 3                    | 0                      | 0                    | 0                    | 0                     |
| 50+          | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 1                     |
| <b>TOTAL</b> | <b>5210</b>             | <b>5434</b>            | <b>5914</b>          | <b>6286</b>            | <b>4672</b>          | <b>5521</b>          | <b>5561</b>           |



# Banbury ATC 3, Marlborough Road

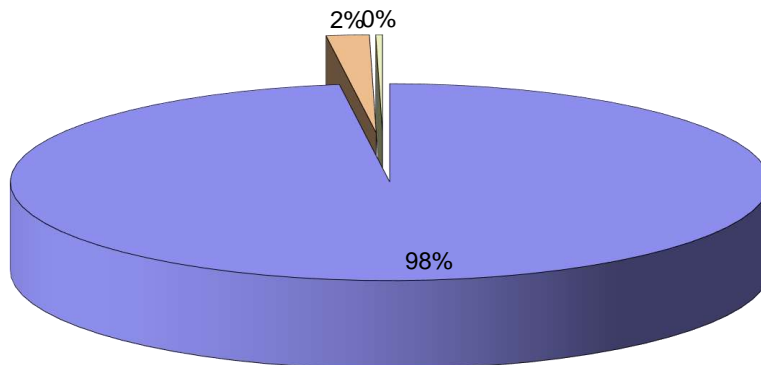
Channel 1 - Northbound

Vehicle Class

Week 1

| Classes<br>Day / Time | Car / LGV /<br>Caravan - 1 | OGV1 / Bus<br>- 2,3,5,6,7,12 | OGV2<br>- 4,8,9,10,11,13 | TOTAL<br>- 1-13 |
|-----------------------|----------------------------|------------------------------|--------------------------|-----------------|
| <b>22/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 3910                       | 98                           | 9                        | 4017            |
| 6-22                  | 4748                       | 118                          | 13                       | 4879            |
| 6-24                  | 4941                       | 124                          | 13                       | 5078            |
| 0-24                  | 5072                       | 124                          | 14                       | 5210            |
| <b>23/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 4002                       | 94                           | 13                       | 4109            |
| 6-22                  | 4976                       | 109                          | 15                       | 5100            |
| 6-24                  | 5180                       | 114                          | 15                       | 5309            |
| 0-24                  | 5305                       | 114                          | 15                       | 5434            |
| <b>24/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 4262                       | 99                           | 8                        | 4369            |
| 6-22                  | 5284                       | 123                          | 11                       | 5418            |
| 6-24                  | 5619                       | 126                          | 12                       | 5757            |
| 0-24                  | 5774                       | 128                          | 12                       | 5914            |
| <b>25/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 4522                       | 56                           | 13                       | 4591            |
| 6-22                  | 5482                       | 71                           | 18                       | 5571            |
| 6-24                  | 5823                       | 73                           | 18                       | 5914            |
| 0-24                  | 6186                       | 80                           | 20                       | 6286            |
| <b>26/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 3174                       | 40                           | 11                       | 3225            |
| 6-22                  | 3952                       | 53                           | 11                       | 4016            |
| 6-24                  | 4145                       | 56                           | 11                       | 4212            |
| 0-24                  | 4597                       | 64                           | 11                       | 4672            |
| <b>27/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 4247                       | 83                           | 13                       | 4343            |
| 6-22                  | 5104                       | 96                           | 17                       | 5217            |
| 6-24                  | 5262                       | 97                           | 17                       | 5376            |
| 0-24                  | 5404                       | 100                          | 17                       | 5521            |
| <b>28/02/2023</b>     |                            |                              |                          |                 |
| 7-19                  | 4155                       | 83                           | 19                       | 4257            |
| 6-22                  | 5098                       | 93                           | 22                       | 5213            |
| 6-24                  | 5313                       | 95                           | 22                       | 5430            |
| 0-24                  | 5442                       | 97                           | 22                       | 5561            |
| <b>Average</b>        |                            |                              |                          |                 |
| 7-19                  | 4039                       | 79                           | 12                       | 4130            |
| 6-22                  | 4949                       | 95                           | 15                       | 5059            |
| 6-24                  | 5183                       | 98                           | 15                       | 5297            |
| 0-24                  | 5397                       | 101                          | 16                       | 5514            |

**Total Vehicle Class Distribution**



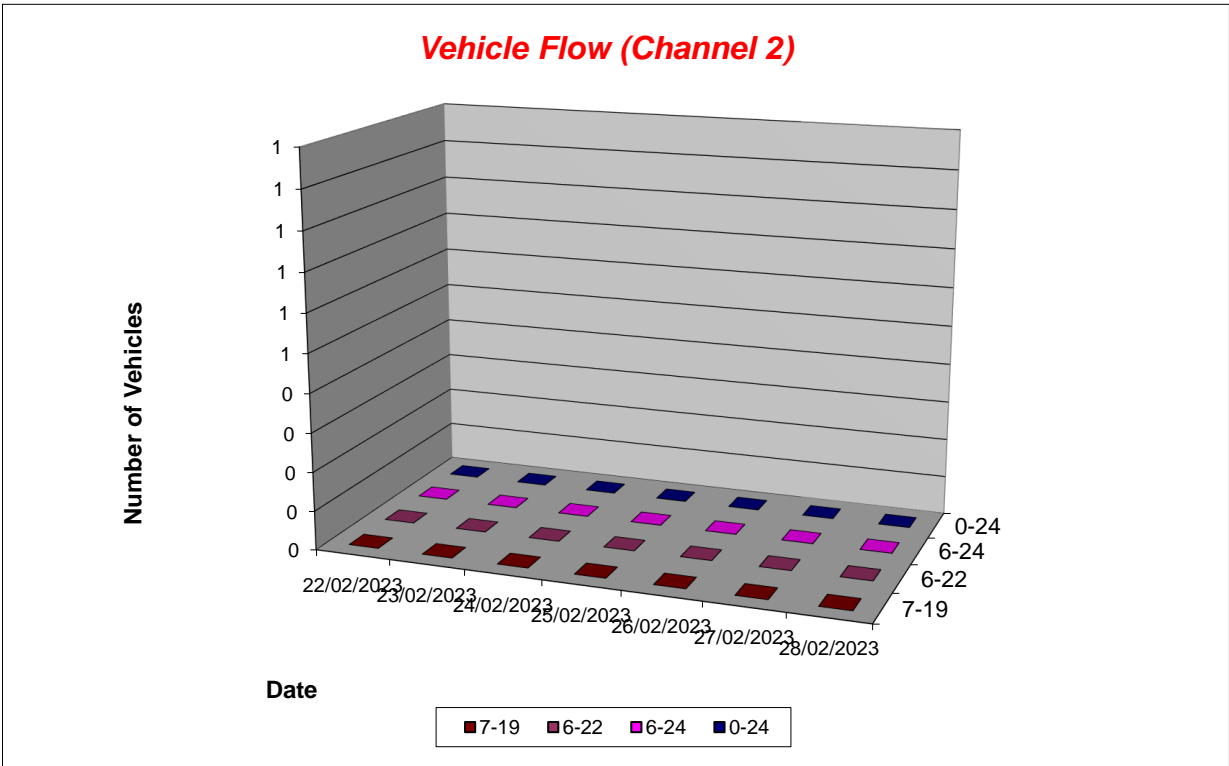
# Banbury ATC 3, Marlborough Road

Channel 2 - Southbound

Vehicle Flow

Week 1

| Hr Ending | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday | Weekday<br>Average | Average |
|-----------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|--------------------|---------|
| 1         | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 2         | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 3         | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 4         | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 5         | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 6         | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 7         | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 8         | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 9         | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 10        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 11        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 12        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 13        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 14        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 15        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 16        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 17        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 18        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 19        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 20        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 21        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 22        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 23        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 24        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 7-19      | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 6-22      | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 6-24      | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |
| 0-24      | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     | 0                  | 0       |



# Banbury ATC 3, Marlborough Road

## Channel 2 - Southbound

## Average Speed

## Week 1

| Hr Ending | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|-----------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 1         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 2         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 3         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 4         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 5         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 6         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 7         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 8         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 9         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 10        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 11        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 12        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 13        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 14        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 15        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 16        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 17        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 18        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 19        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 20        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 21        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 22        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 23        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 24        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 10-12     | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 14-16     | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 0-24      | -                       | -                      | -                    | -                      | -                    | -                    | -                     |

|                    |   |
|--------------------|---|
| Average (ALL)      | - |
| Weekday Inter-Peak | - |

## Channel 2 - Southbound

## 85th Percentile

| Hr Ending | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|-----------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 1         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 2         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 3         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 4         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 5         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 6         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 7         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 8         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 9         | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 10        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 11        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 12        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 13        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 14        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 15        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 16        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 17        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 18        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 19        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 20        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 21        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 22        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 23        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 24        | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 10-12     | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 14-16     | -                       | -                      | -                    | -                      | -                    | -                    | -                     |
| 0-24      | -                       | -                      | -                    | -                      | -                    | -                    | -                     |

|                    |   |
|--------------------|---|
| 85th %ile (ALL)    | - |
| Weekday Inter-Peak | - |

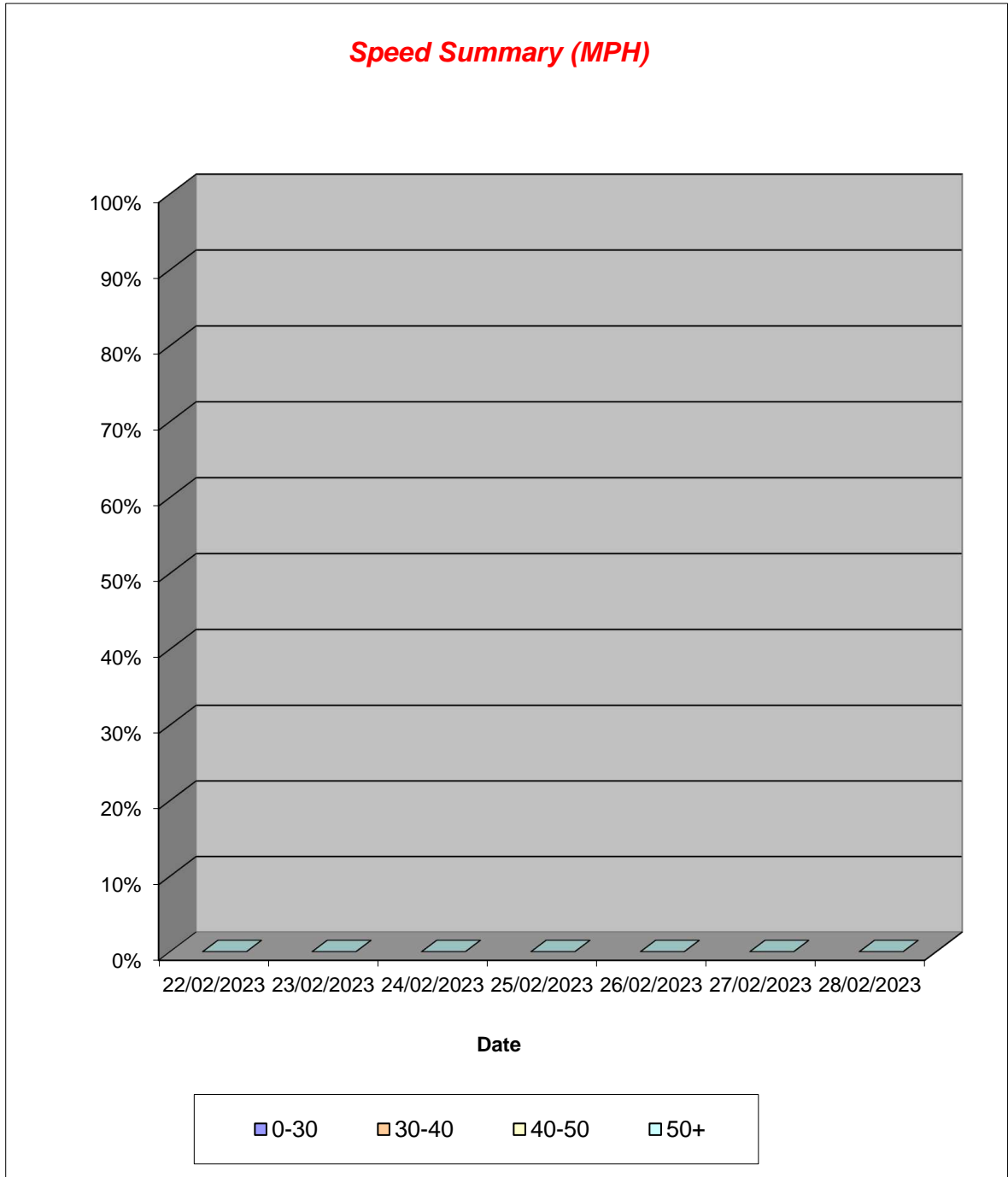
# Banbury ATC 3, Marlborough Road

Channel 2 - Southbound

Speed Summary

Week 1

| Speed (MPH)  | 22/02/2023<br>Wednesday | 23/02/2023<br>Thursday | 24/02/2023<br>Friday | 25/02/2023<br>Saturday | 26/02/2023<br>Sunday | 27/02/2023<br>Monday | 28/02/2023<br>Tuesday |
|--------------|-------------------------|------------------------|----------------------|------------------------|----------------------|----------------------|-----------------------|
| 0-30         | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     |
| 30-40        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     |
| 40-50        | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     |
| 50+          | 0                       | 0                      | 0                    | 0                      | 0                    | 0                    | 0                     |
| <b>TOTAL</b> | <b>0</b>                | <b>0</b>               | <b>0</b>             | <b>0</b>               | <b>0</b>             | <b>0</b>             | <b>0</b>              |



# Banbury ATC 3, Marlborough Road

Channel 2 - Southbound

Vehicle Class

Week 1

| Classes<br>Day / Time | Car / LGV /<br>Caravan - 1 | OGV1 / Bus<br>- 2,3,5,6,7,12 | OGV2<br>- 4,8,9,10,11,13 | TOTAL<br>- 1-13 |
|-----------------------|----------------------------|------------------------------|--------------------------|-----------------|
| 22/02/2023            |                            |                              |                          |                 |
| 7-19                  | 0                          | 0                            | 0                        | 0               |
| 6-22                  | 0                          | 0                            | 0                        | 0               |
| 6-24                  | 0                          | 0                            | 0                        | 0               |
| 0-24                  | 0                          | 0                            | 0                        | 0               |
| 23/02/2023            |                            |                              |                          |                 |
| 7-19                  | 0                          | 0                            | 0                        | 0               |
| 6-22                  | 0                          | 0                            | 0                        | 0               |
| 6-24                  | 0                          | 0                            | 0                        | 0               |
| 0-24                  | 0                          | 0                            | 0                        | 0               |
| 24/02/2023            |                            |                              |                          |                 |
| 7-19                  | 0                          | 0                            | 0                        | 0               |
| 6-22                  | 0                          | 0                            | 0                        | 0               |
| 6-24                  | 0                          | 0                            | 0                        | 0               |
| 0-24                  | 0                          | 0                            | 0                        | 0               |
| 25/02/2023            |                            |                              |                          |                 |
| 7-19                  | 0                          | 0                            | 0                        | 0               |
| 6-22                  | 0                          | 0                            | 0                        | 0               |
| 6-24                  | 0                          | 0                            | 0                        | 0               |
| 0-24                  | 0                          | 0                            | 0                        | 0               |
| 26/02/2023            |                            |                              |                          |                 |
| 7-19                  | 0                          | 0                            | 0                        | 0               |
| 6-22                  | 0                          | 0                            | 0                        | 0               |
| 6-24                  | 0                          | 0                            | 0                        | 0               |
| 0-24                  | 0                          | 0                            | 0                        | 0               |
| 27/02/2023            |                            |                              |                          |                 |
| 7-19                  | 0                          | 0                            | 0                        | 0               |
| 6-22                  | 0                          | 0                            | 0                        | 0               |
| 6-24                  | 0                          | 0                            | 0                        | 0               |
| 0-24                  | 0                          | 0                            | 0                        | 0               |
| 28/02/2023            |                            |                              |                          |                 |
| 7-19                  | 0                          | 0                            | 0                        | 0               |
| 6-22                  | 0                          | 0                            | 0                        | 0               |
| 6-24                  | 0                          | 0                            | 0                        | 0               |
| 0-24                  | 0                          | 0                            | 0                        | 0               |
| Average               |                            |                              |                          |                 |
| 7-19                  | 0                          | 0                            | 0                        | 0               |
| 6-22                  | 0                          | 0                            | 0                        | 0               |
| 6-24                  | 0                          | 0                            | 0                        | 0               |
| 0-24                  | 0                          | 0                            | 0                        | 0               |

## Total Vehicle Class Distribution

0%



## APPENDIX D

### Site Access - Stage 1 Road Safety Audit

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**CALTHORPE STREET,  
BANBURY, OXFORDSHIRE**

**PROPOSED HIGHWAY WORKS**

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**STAGE 1**

**ROAD SAFETY AUDIT REPORT**

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**REQUESTED BY:**

**CALIBRO CONSULTANTS**

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**MAY 2023**

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**RKS**  
Associates



Project: Calthorpe Street, Banbury, Oxfordshire  
Proposed Highway Works

Client: Calibro Consultants

Document: Stage 1 Road Safety Audit

RKS Associates Ref: VRP1572 - RSA 1

Issue date: 25<sup>th</sup> May 2023

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## Appendices

- Appendix A: Location of Problems Identified During Stage 1 Road Safety Audit
- Appendix B: Designers Response



## 1 INTRODUCTION

1.1 This report results from a Stage 1 Road Safety Audit carried out on the highway works associated with a proposed residential development on land to the east of Calthorpe Street, Banbury in Oxfordshire. The development proposals seek to provide up to 230 residential units of mixed tenure.

1.2 The proposed highway works involve improvements to the existing accesses serving the site, including two accesses on the eastern side of Calthorpe Street and an access on the western side of Marlborough Road. All accesses will be simple priority junctions; the accesses on Calthorpe Street facilitate all movements into and out of the development, whilst the access on Marlborough Road facilitates left in and left out to accord with the one-way operation along Marlborough Road.

1.3 Marlborough Road takes the form of a two-lane one-way street aligned in a southeast to northwest direction, forming the eastern boundary of the site. The carriageway is lit and benefits from continuous footways on either side of the carriageway. Parking restrictions in the form of double and single yellow lines are present on both sides of the carriageway, however there is a designated disabled car parking layby located along the western side of the carriageway. Calthorpe Street is a wide two-way road forming the western boundary of the site. Its carriageway is lit with continuous footways and parking restrictions in the form of double yellow lines located along both side of the carriageway.

1.4 Calibro the design engineers have supplied the following information upon which this Stage 1 RSA is based:

- Draft Transport Assessment prepared by Calibro Reference: 22-312-20 (May 2023);
- Corstorphine & Wright Architects Drawing Number: 20176-CWA-00-GF-DR-A-010222-527-150 Revision 01 – Ground Floor Site Plan;
- Calibro Drawing Number: 22-312-20-103A – Site Access 1 (Marlborough Road);
- Calibro Drawing Number: 22-312-20-103B – Site Access 2 (Calthorpe Street); and
- Calibro Drawing Number: 22-312-20-103C – Site Access 3 (Calthorpe Street).

1.5 The main parties to this Road Safety Audit include the following:

|                               |  |
|-------------------------------|--|
| Road Safety Audit Team Leader | Vimal Patel<br>BEng (Hons), GMICE, FIHE, HE Cert Comp, Reg RSA (IHE) |
| Road Safety Audit Team Member | Steve Giles<br>BEng (Hons), IEng, FIHE, MCIHT, MICE, CMILT, MSoRSA   |
| Overseeing Organisation       | Oxfordshire County Council   |
| Design Organisation           | Calibro Consultants  |

1.6 The Audit was undertaken following examination of the submitted documents, including site visit undertaken on Monday 22<sup>nd</sup> May 2023 between the hours of 11:00am and midday during which the weather was sunny, and the road surface was dry. Low vehicle and pedestrian flows and no cyclists were observed along Calthorpe Street and Marlborough Road.



### **Terms of Reference**

- 1.7** The Audit Team is independent of the project design team and has no other involvement with the project. This Stage 1 RSA has been undertaken in accordance with the relevant sections of GG-119, part of the Design Manual for Roads and Bridges (DMRB).
- 1.8** The Safety Audit Team has examined only matters relating to road safety implications of the scheme and has not verified compliance of the design to any other criteria. The Audit Team has not been made aware of any Departures from Standard. All of the problems identified in this report are considered by the Audit Team to require action in order to improve the safety of the scheme and to minimise accident occurrence for all users. The location of the problems identified in this Safety Audit is shown in **Appendix A** where the reference numbers relate to the problems identified in this report.
- 1.9** The recommendations in this report are aimed at addressing the identified road safety problems; however, there may be other alternative acceptable ways to overcome a specific problem, when other practical issues are considered. The recommendations contained herein do not absolve the Designer of his/her responsibilities. The Auditors would be pleased to discuss the acceptability of alternative solutions to problems identified during the Audit and would encourage the Designer to consult them on this matter.
- 1.10** The LHA response to the RSA should be formally recorded and reported to the Designer and the RSA Team so that a record of the Audit process is contained in the As Built design pack to be provided and retained by the Local Highway Authority on completion.

### **Trip Generation Data**

- 1.11** The Draft Transport Assessment provides detail of the anticipated trip generation associated with the development proposals. It is anticipated that the proposed development is likely generate 57 and 63 two-way vehicle trips during the AM and PM Peak periods respectively.

### **Collision Data**

- 1.12** Publicly available collision information obtained from the Crashmap website for the three-year period up to December 2021 indicates that two collisions have occurred on the local highway network. The first collision occurred in on Marlborough Road in the vicinity of the existing/proposed development access; it involved 2 vehicles and resulted in one slight injury. The second collision occurred on Calthorpe Street on its approach to High Street, involving two vehicles and resulting in one serious injury.



## 2 ITEMS IDENTIFIED DURING STAGE 1 ROAD SAFETY AUDIT

### 2.1 **Problem:**

Summary: Potential collisions due to standing water or service covers

Location: *Throughout*

No details have been provided in respect of surface water drainage or other services and it is therefore not possible to ascertain whether or not there will be any safety implications. The absence of surface water drainage may result in the collection of surface water that could increase the risk of loss of control collisions or cause a hazard for other road users.

### **Recommendation:**

Ensure that surface water drainage is provided, any new drainage should be relocated away from pedestrian and cycle desire lines.

### 2.2 **Problem:**

Summary: Potential risk of collisions associated with obstruction in visibility

Location: *Proposed development accesses*

No details in respect of visibility splays to and from the proposed development accesses been provided. It is therefore not possible to ascertain whether or not there will be any safety implications. Poor visibility may increase the risk of turning collisions between vehicles exiting the development and other road users traveling along local highway network.

### **Recommendation:**

Ensure that visibility splays to and from the proposed development access are provided to confirm that the appropriate vehicle and pedestrian visibility splays can be achieved.

### 2.3 **Problem**

Summary: Potential risk of vehicle collisions associated with inadequate road space

Location: *Proposed development access on Marlborough Road*

The one-way operation along Marlborough Road will result in the proposed development access operating as left in and left out. The layout of the proposed development access may encourage vehicles to inadvertently turn right out of the development access where the risk of collision with other road users will be greater.

### **Recommendation**

Ensure that signs and carriageway markings are provided on the egress to the proposed development access on Marlborough Road to inform motorists of the one way operation on Marlborough Road.



## 2.4 **Problem**

**Summary:** Potential collisions associated with poor pedestrian crossing facilities

**Location:** *Proposed development accesses*

No details relating to pedestrian crossing facilities across the respective development accesses have been provided. The absence of dropped kerbs and tactile paving may increase the risk of pedestrian trip or fall.

### **Recommendation:**

Ensure that dropped kerbs and tactile paving is provided across the respective development accesses.



### **3 AUDIT TEAM STATEMENT**

**3.1** We certify that this audit has been carried out in accordance with GG-119 of Design Manual for Roads & Bridges Volume 5 Section 2 - Road Safety Audits. Its sole purpose being to identify features of the scheme that could be removed or modified to improve safety. No member of the Audit Team has been involved in the scheme design.

#### **Audit Team Leader**

Vimal Patel  
BEng (Hons), GMICE, FIHE, RegRSA (IHE), HE Cert Comp

Signed:



Date: 25<sup>th</sup> May 2023

#### **Audit Team Member**

Steve Giles  
BEng (Hons), IEng, FIHE, MCIHT, MICE, CMILT, MSoRSA

Signed:

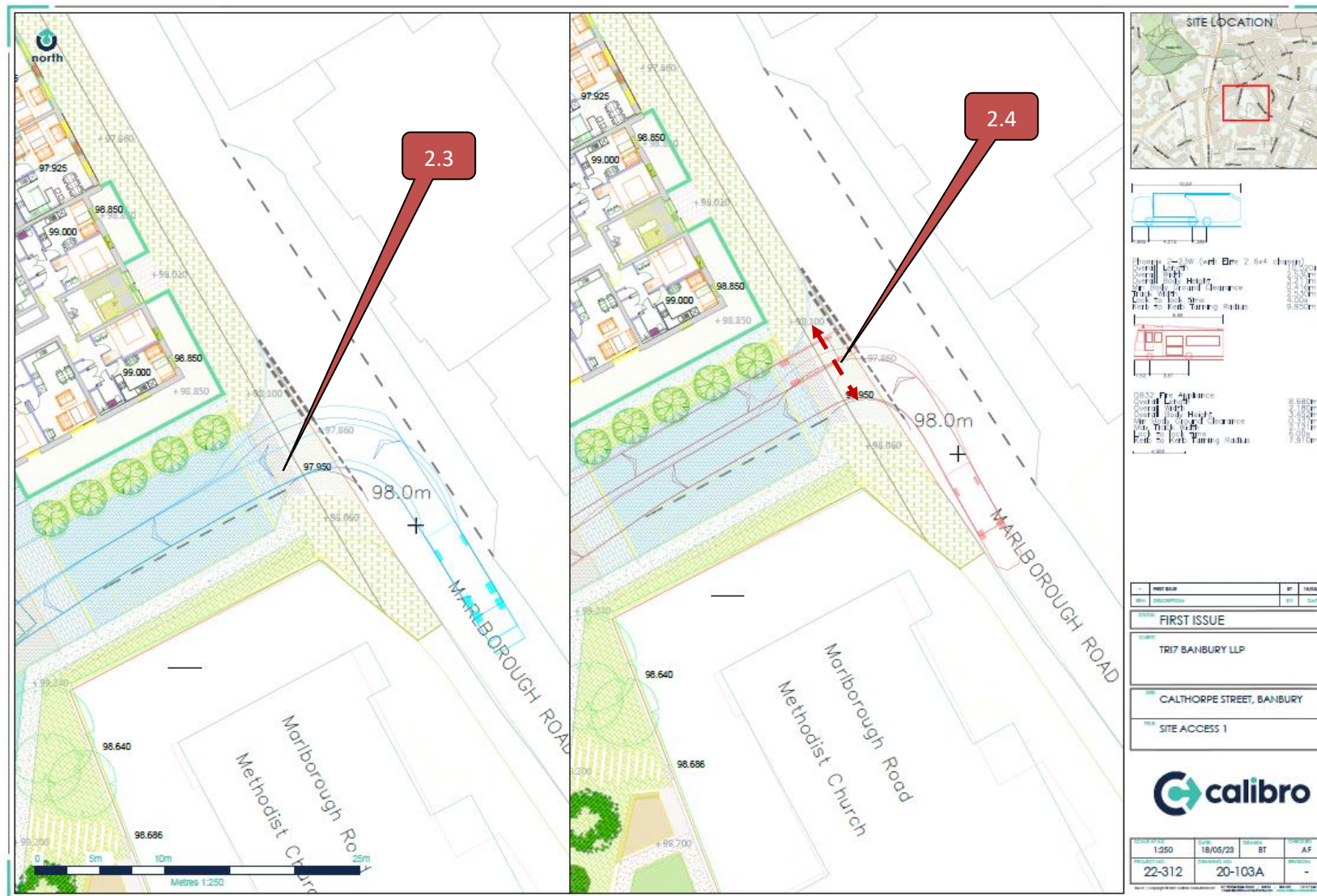


Date: 25<sup>th</sup> May 2023



# Appendix A





2.1 2.2  
 General  
 Issues



2.1 2.2

General Issues



2.1 2.2  
 General  
 Issues



## Appendix B



| Item No. | Audit Team Recommendation(s)   | Designer's Response |
|----------|--|---------------------|
| 2.1      | Ensure that surface water drainage is provided, any new drainage should be relocated away from pedestrian and cycle desire lines.  |                     |
| 2.2      | Ensure that visibility splays to and from the proposed development access are provided to confirm that the appropriate vehicle and pedestrian visibility splays can be achieved.               |                     |
| 2.3      | Ensure that signs and carriageway markings are provided on the egress to the proposed development access on Marlborough Road to inform motorists of the one way operation on Marlborough Road. |                     |
| 2.4      | Ensure that dropped kerbs and tactile paving is provided across the respective development accesses.   |                     |

**Designer's Statement:**

I certify that I have considered the items that have arisen in the Stage 1 Road Safety Audit Report and my response to its recommendations are set out above.

.....  
 Designer

Date:

**Project Sponsor/ Client Organisation Statement:**

I accept/do not accept the Designer's Response (please delete as appropriate)

.....

Date: