

# Appendix 7.1 – Traffic Flows

## OPA Phase 1

| Link Id | Link Name                                            | Verification 2019 |      | 2023 DM |      | 2023 DS |      |
|---------|------------------------------------------------------|-------------------|------|---------|------|---------|------|
|         |                                                      | AADT              | HGV% | AADT    | HGV% | AADT    | HGV% |
| 1       | B3354 North of Knowle Lane                           | 15981             | 10   | 16788   | 10   | 16883   | 10   |
| 2       | Knowle Lane                                          | 3534              | 10   | 3824    | 10   | 3831    | 10   |
| 3       | B3354 Botley Road (south of Knowle Lane)             | 17314             | 10   | 19777   | 10   | 19821   | 10   |
| 4       | Burnetts Lane (North of Fir Tree Lane)               | 3639              | 10   | 3823    | 10   | 3823    | 10   |
| 5       | Burnetts Lane (South of Fir Tree Lane)               | 3022              | 10   | 3175    | 10   | 3230    | 10   |
| 6       | Fir Tree Lane (West of Burnetts Lane)                | 1909              | 10   | 2005    | 10   | 2005    | 10   |
| 7       | Fir Tree Lane (East of Allington Lane)               | 2144              | 10   | 2252    | 10   | 2252    | 10   |
| 8       | Allington Lane (South of Fir Tree Lane)              | 10348             | 10   | 10871   | 10   | 11256   | 10   |
| 9       | Allington Lane (North of Fir Tree Lane)              | 9997              | 10   | 10502   | 10   | 10944   | 10   |
| 10      | B3354 North of Stubbington Way/Eastleigh Rd          | 12707             | 10   | 13349   | 10   | 13440   | 10   |
| 11      | Eastleigh Rd, West of B3354                          | 10531             | 10   | 11124   | 10   | 11124   | 10   |
| 12      | B3037 Bishopstoke Rd                                 | 21316             | 10   | 22392   | 10   | 22615   | 10   |
| 13      | B3037 Bishopstoke Rd (East of Lidl Rbt)              | 20623             | 10   | 21664   | 10   | 21887   | 10   |
| 14      | Station Hill A335                                    | 14619             | 10   | 15357   | 10   | 15357   | 10   |
| 15      | Romsey Road A335                                     | 13599             | 10   | 14286   | 10   | 14509   | 10   |
| 16      | Twyford Road A335                                    | 15565             | 10   | 16351   | 10   | 16351   | 10   |
| 17      | Link Rd (north of Roundabout with Burnetts Lane)     | 0                 | 10   | 0       | 10   | 971     | 10   |
| 18      | Burnetts Lane North (Roundabout approach)            | 2443              | 10   | 2566    | 10   | 2593    | 10   |
| 19      | Botley Rd Link road                                  | 7784              | 10   | 8177    | 10   | 9148    | 10   |
| 20      | Burnetts Lane South (Roundabout approach)            | 3499              | 10   | 3676    | 10   | 3676    | 10   |
| 21      | Chalcroft Distribution Park                          | 1642              | 10   | 1725    | 10   | 1725    | 10   |
| 22      | Burnetts Lane South (Moorgreen approach)             | 3587              | 10   | 3768    | 10   | 3768    | 10   |
| 23      | Moorgreen Road                                       | 7035              | 10   | 7390    | 10   | 7573    | 10   |
| 24      | Bubb Lane (Crematorium) approach                     | 6387              | 10   | 6710    | 10   | 6893    | 10   |
| 25      | Bubb Lane (north of Bubb Lane )                      | 22536             | 10   | 26722   | 10   | 27536   | 10   |
| 26      | Tollbar Way, North of Maunsell Way Roundabout        | 20897             | 10   | 24631   | 10   | 24955   | 10   |
| 27      | Bubb Lane (north of new link road)                   | 19376             | 10   | 20354   | 10   | 20484   | 10   |
| 28      | Winchester Road South of Roundabout                  | 14874             | 10   | 15625   | 10   | 15728   | 10   |
| 29      | Snakemoor Lane                                       | 7631              | 10   | 8016    | 10   | 8016    | 10   |
| 30      | Botley Road (North of Snakemoor Lane)                | 19106             | 10   | 21660   | 10   | 21713   | 10   |
| 31      | Tollbar Way, South of Maunsell Way Roundabout        | 22025             | 10   | 25816   | 10   | 26366   | 10   |
| 32      | B3035 Botley Road approach to Grange Road Roundabout | 19498             | 10   | 22072   | 10   | 22197   | 10   |

|    |                                                     |       |    |       |    |       |    |
|----|-----------------------------------------------------|-------|----|-------|----|-------|----|
| 33 | Tollbar Way, South of Botley Road Roundabout        | 27515 | 10 | 31631 | 10 | 32118 | 10 |
| 34 | B3035 Botley Road (West) (West of Tollbar)          | 21667 | 10 | 24350 | 10 | 24350 | 10 |
| 35 | Charles Watt Way (North of Turnpike Roundabout)     | 25618 | 10 | 26995 | 10 | 26995 | 10 |
| 36 | Turnpike Way                                        | 6423  | 10 | 6797  | 10 | 6797  | 10 |
| 37 | Charles Watt Way (South of Turnpike Roundabout)     | 39307 | 10 | 41463 | 10 | 41990 | 10 |
| 38 | Upper Northam Road                                  | 10774 | 10 | 11318 | 10 | 11336 | 10 |
| 39 | Charles Watt Way (West)                             | 23901 | 10 | 25108 | 10 | 25108 | 10 |
| 40 | Allington Lane (South of Access Roundabout)         | 10361 | 10 | 10884 | 10 | 11269 | 10 |
| 41 | A27 Swaythling Road                                 | 16451 | 10 | 17282 | 10 | 17328 | 10 |
| 42 | Townhill Way                                        | 15193 | 10 | 15960 | 10 | 15960 | 10 |
| 43 | Mansbridge Road                                     | 19509 | 10 | 20494 | 10 | 20834 | 10 |
| 44 | Moorgreen Road (South)                              | 9296  | 10 | 9765  | 10 | 9948  | 10 |
| 45 | B3035 Botley Road (West of Moorgreen Road)          | 19826 | 10 | 22416 | 10 | 22416 | 10 |
| 46 | Telegraph Road                                      | 5416  | 10 | 5690  | 10 | 5748  | 10 |
| 47 | B3035 High Street                                   | 16864 | 10 | 17716 | 10 | 17840 | 10 |
| 48 | Botley Road (north of A334 Grange Road)             | 21136 | 10 | 23879 | 10 | 24005 | 10 |
| 49 | A334 Grange Road                                    | 30006 | 10 | 31609 | 10 | 31735 | 10 |
| 50 | Wildern Lane                                        | 10437 | 10 | 10995 | 10 | 10995 | 10 |
| 51 | A334 Charles Watt Way (West of Wildern Lane)        | 25793 | 10 | 27096 | 10 | 27096 | 10 |
| 52 | Winchester Road North of Roundabout with Wessex Way | 13441 | 10 | 14195 | 10 | 14505 | 10 |
| 53 | Sandy Lane North of Junction with Bishopstoke Road  | 8942  | 10 | 9394  | 10 | 9613  | 10 |
| 54 | Quob Lane south of junction with Allington Lane     | 3522  | 10 | 3700  | 10 | 3700  | 10 |
| 55 | Allington Lane north of M27 bridge                  | 9499  | 10 | 9979  | 10 | 10364 | 10 |
| 56 | Allington Lane north of access                      | 9997  | 10 | 10502 | 10 | 10944 | 10 |

## Wider OPA

| Link Id | Link Name                                | Verification 2019 |      | 2030 DM |      | 2030 DS |      |
|---------|------------------------------------------|-------------------|------|---------|------|---------|------|
|         |                                          | AADT              | HGV% | AADT    | HGV% | AADT    | HGV% |
| 1       | B3354 North of Knowle Lane               | 15981             | 10   | 18038   | 10   | 18133   | 10   |
| 2       | Knowle Lane                              | 3534              | 10   | 3974    | 10   | 3981    | 10   |
| 3       | B3354 Botley Road (south of Knowle Lane) | 17314             | 10   | 19338   | 10   | 19382   | 10   |
| 4       | Burnetts Lane (North of Fir Tree Lane)   | 3639              | 10   | 4107    | 10   | 4107    | 10   |
| 5       | Burnetts Lane (South of Fir Tree Lane)   | 3022              | 10   | 3411    | 10   | 3466    | 10   |
| 6       | Fir Tree Lane (West of Burnetts Lane)    | 1909              | 10   | 2155    | 10   | 2155    | 10   |
| 7       | Fir Tree Lane (East of Allington Lane)   | 2144              | 10   | 2420    | 10   | 2420    | 10   |
| 8       | Allington Lane (South of Fir Tree Lane)  | 10348             | 10   | 11680   | 10   | 12065   | 10   |
| 9       | Allington Lane (North of Fir Tree Lane)  | 9997              | 10   | 11284   | 10   | 11726   | 10   |

|    |                                                      |       |    |       |    |       |    |
|----|------------------------------------------------------|-------|----|-------|----|-------|----|
| 10 | B3354 North of Stubbington Way/Eastleigh Rd          | 12707 | 10 | 14342 | 10 | 14433 | 10 |
| 11 | Eastleigh Rd, West of B3354                          | 10531 | 10 | 11878 | 10 | 11878 | 10 |
| 12 | B3037 Bishopstoke Rd                                 | 21316 | 10 | 24059 | 10 | 24282 | 10 |
| 13 | B3037 Bishopstoke Rd (East of Lidl Rbt)              | 20623 | 10 | 23277 | 10 | 23500 | 10 |
| 14 | Station Hill A335                                    | 14619 | 10 | 16500 | 10 | 16500 | 10 |
| 15 | Romsey Road A335                                     | 13599 | 10 | 15349 | 10 | 15572 | 10 |
| 16 | Twyford Road A335                                    | 15565 | 10 | 17568 | 10 | 17568 | 10 |
| 17 | Link Rd (north of Roundabout with Burnetts Lane)     | 0     | 10 | 0     | 10 | 971   | 10 |
| 18 | Burnetts Lane North (Roundabout approach)            | 2443  | 10 | 2757  | 10 | 2784  | 10 |
| 19 | Botley Rd Link road                                  | 7784  | 10 | 8786  | 10 | 9757  | 10 |
| 20 | Burnetts Lane South (Roundabout approach)            | 3499  | 10 | 3949  | 10 | 3949  | 10 |
| 21 | Chalcroft Distribution Park                          | 1642  | 10 | 1853  | 10 | 1853  | 10 |
| 22 | Burnetts Lane South (Moorgreen approach)             | 3587  | 10 | 4049  | 10 | 4049  | 10 |
| 23 | Moorgreen Road                                       | 7035  | 10 | 7940  | 10 | 8123  | 10 |
| 24 | Bubb Lane (Crematorium) approach                     | 6387  | 10 | 7209  | 10 | 7392  | 10 |
| 25 | Bubb Lane (north of Bubb Lane )                      | 22536 | 10 | 25044 | 10 | 25858 | 10 |
| 26 | Tollbar Way, North of Maunsell Way Roundabout        | 20897 | 10 | 23242 | 10 | 23566 | 10 |
| 27 | Bubb Lane (north of new link road)                   | 19376 | 10 | 21870 | 10 | 22000 | 10 |
| 28 | Winchester Road South of Roundabout                  | 14874 | 10 | 16788 | 10 | 16891 | 10 |
| 29 | Snakemoor Lane                                       | 7631  | 10 | 8613  | 10 | 8613  | 10 |
| 30 | Botley Road (North of Snakemoor Lane)                | 19106 | 10 | 21360 | 10 | 21413 | 10 |
| 31 | Tollbar Way, South of Maunsell Way Roundabout        | 22025 | 10 | 24515 | 10 | 25065 | 10 |
| 32 | B3035 Botley Road approach to Grange Road Roundabout | 19498 | 10 | 21803 | 10 | 21928 | 10 |
| 33 | Tollbar Way, South of Botley Road Roundabout         | 27515 | 10 | 30705 | 10 | 31192 | 10 |
| 34 | B3035 Botley Road (West) (West of Tollbar)           | 21667 | 10 | 24251 | 10 | 24251 | 10 |
| 35 | Charles Watt Way (North of Turnpike Roundabout)      | 25618 | 10 | 28904 | 10 | 28904 | 10 |
| 36 | Turnpike Way                                         | 6423  | 10 | 7243  | 10 | 7243  | 10 |
| 37 | Charles Watt Way (South of Turnpike Roundabout)      | 39307 | 10 | 44344 | 10 | 44871 | 10 |
| 38 | Upper Northam Road                                   | 10774 | 10 | 12161 | 10 | 12179 | 10 |
| 39 | Charles Watt Way (West)                              | 23901 | 10 | 26977 | 10 | 26977 | 10 |
| 40 | Allington Lane (South of Access Roundabout)          | 10361 | 10 | 11694 | 10 | 12079 | 10 |
| 41 | A27 Swaythling Road                                  | 16451 | 10 | 18568 | 10 | 18614 | 10 |
| 42 | Townhill Way                                         | 15193 | 10 | 17148 | 10 | 17148 | 10 |
| 43 | Mansbridge Road                                      | 19509 | 10 | 22020 | 10 | 22360 | 10 |
| 44 | Moorgreen Road (South)                               | 9296  | 10 | 10492 | 10 | 10675 | 10 |
| 45 | B3035 Botley Road (West of Moorgreen Road)           | 19826 | 10 | 22173 | 10 | 22173 | 10 |
| 46 | Telegraph Road                                       | 5416  | 10 | 6113  | 10 | 6171  | 10 |

|    |                                                     |       |    |       |    |       |    |
|----|-----------------------------------------------------|-------|----|-------|----|-------|----|
| 47 | B3035 High Street                                   | 16864 | 10 | 19034 | 10 | 19158 | 10 |
| 48 | Botley Road (north of A334 Grange Road)             | 21136 | 10 | 23641 | 10 | 23767 | 10 |
| 49 | A334 Grange Road                                    | 30006 | 10 | 33856 | 10 | 33982 | 10 |
| 50 | Wildern Lane                                        | 10437 | 10 | 11776 | 10 | 11776 | 10 |
| 51 | A334 Charles Watt Way (West of Wildern Lane)        | 25793 | 10 | 29113 | 10 | 29113 | 10 |
| 52 | Winchester Road North of Roundabout with Wessex Way | 13441 | 10 | 15161 | 10 | 15471 | 10 |
| 53 | Sandy Lane North of Junction with Bishopstoke Road  | 8942  | 10 | 10093 | 10 | 10312 | 10 |
| 54 | Quob Lane south of junction with Allington Lane     | 3522  | 10 | 3975  | 10 | 3975  | 10 |
| 55 | Allington Lane north of M27 bridge                  | 9499  | 10 | 10722 | 10 | 11107 | 10 |
| 56 | Allington Lane north of access                      | 9997  | 10 | 11284 | 10 | 11726 | 10 |