



South East Strategic Reservoir Option  
Preliminary Environmental Information Report

# Appendix 1 2.1 - Traffic flow diagrams

Date: October 2025

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# 1 Introduction

- 1.1.1 The assessments contained in Chapter 12: Traffic and transport are based on a spreadsheet distribution model. Plate 1.1 to Plate 1.4 the key diagram of the network and the locations reported in Chapter 12.
- 1.1.2 Peak hour traffic flows for the 2036 construction scenario are shown in Table 1.1 and the net change flows as the result of SESRO are presented in Table 1.2.
- 1.1.3 Peak hour traffic flows for the 2043 operation scenario are shown in Table 1.3 and the net change flows as the result of SESRO are presented in Table 1.4.

Plate 1.1 Key diagram

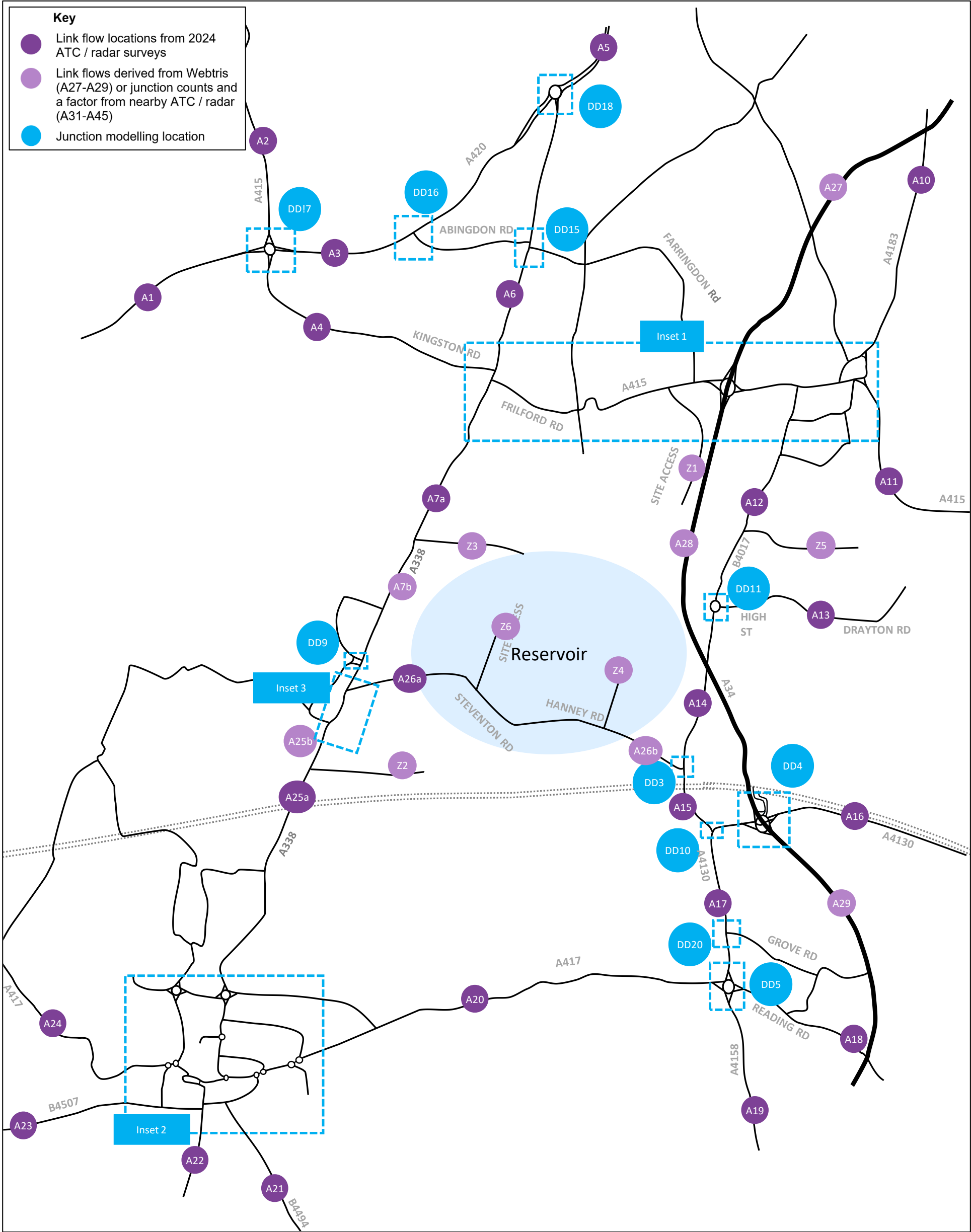


Plate 1.2 Inset 1: Marcham and Abingdon Corridor

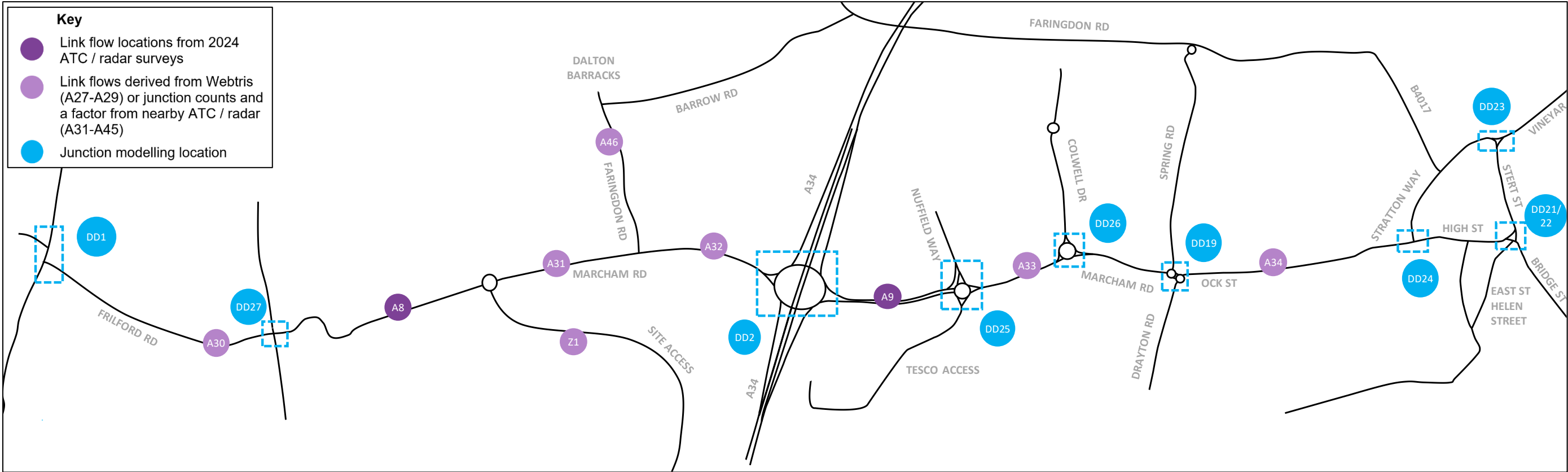


Plate 1.3 Inset 2: Wantage

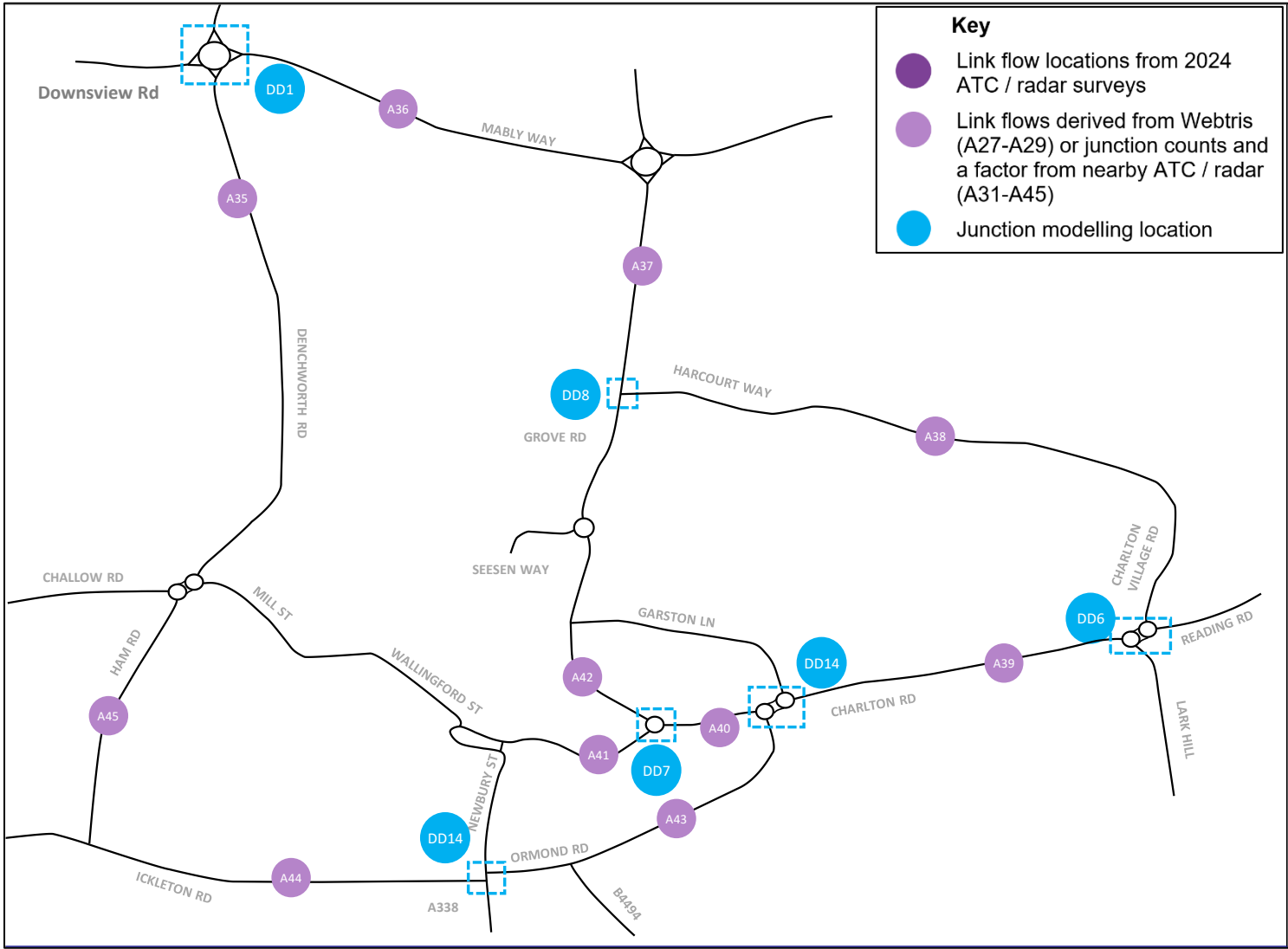


Plate 1.4 Inset 3: East Hanney junction

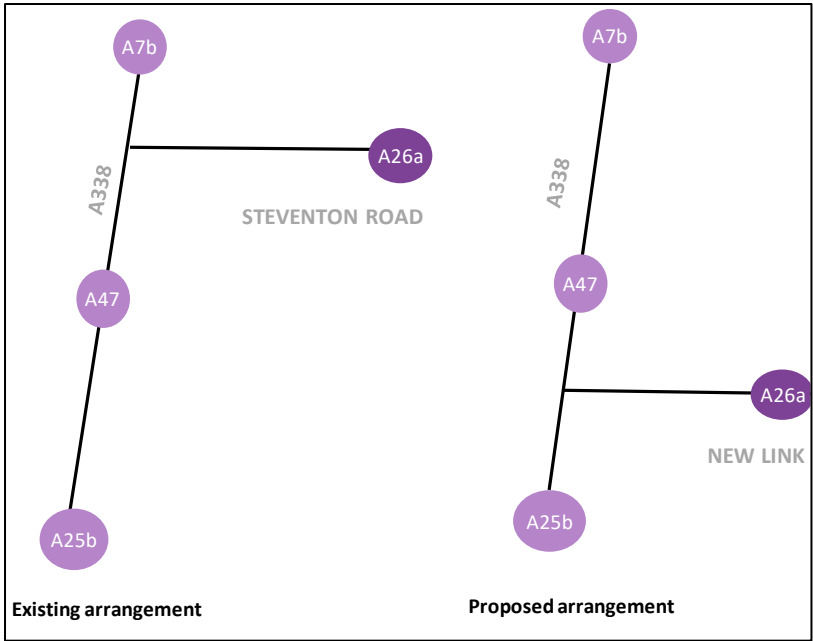


Table 1.1 Peak hour traffic flows for 2036 construction scenario

| ID  | Link name                                                                         | Future Baseline 2036  |     |       |                       |     |       |                        |     |       | Future Baseline 2036 + Peak Construction |     |       |                       |     |       |                        |     |       |
|-----|-----------------------------------------------------------------------------------|-----------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|------------------------------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|
|     |                                                                                   | AM Peak (07:30-08:30) |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       | AM Peak (07:30-08:30)                    |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       |
|     |                                                                                   | All                   | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV | All                                      | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV |
| A1  | A420 between the A415 and B4508 (Pusey)                                           | 2,041                 | 171 | 8%    | 2,223                 | 116 | 5%    | 1,614                  | 47  | 3%    | 2,074                                    | 171 | 8%    | 2,257                 | 116 | 5%    | 1,614                  | 47  | 3%    |
| A2  | A415 between the A420 and Newbridge                                               | 1,236                 | 23  | 2%    | 1,224                 | 14  | 1%    | 925                    | 7   | 1%    | 1,271                                    | 23  | 2%    | 1,254                 | 14  | 1%    | 925                    | 7   | 1%    |
| A3  | A420 between the A415 and Abingdon Road (Fyfield)                                 | 1,977                 | 147 | 7%    | 2,457                 | 112 | 5%    | 1,830                  | 54  | 3%    | 1,977                                    | 147 | 7%    | 2,457                 | 112 | 5%    | 1,830                  | 54  | 3%    |
| A4  | A415 Kingston Road between Kingston Bagpuize and Frilford                         | 1,403                 | 69  | 5%    | 1,291                 | 24  | 2%    | 983                    | 9   | 1%    | 1,472                                    | 69  | 5%    | 1,354                 | 24  | 2%    | 983                    | 9   | 1%    |
| A5  | A420 between A338 and Besselsleigh Road (Bessels Leigh)                           | 2,563                 | 156 | 6%    | 2,534                 | 125 | 5%    | 2,078                  | 56  | 3%    | 2,565                                    | 156 | 6%    | 2,536                 | 125 | 5%    | 2,078                  | 56  | 3%    |
| A6  | A338 Oxford Road between A415 and Abingdon Road / Faringdon Road (Frilford Heath) | 904                   | 28  | 3%    | 714                   | 4   | 1%    | 731                    | 2   | 0%    | 907                                      | 28  | 3%    | 717                   | 4   | 1%    | 731                    | 2   | 0%    |
| A7a | A338 between Frilford and South Oxfordshire Crematorium                           | 1,086                 | 34  | 3%    | 962                   | 9   | 1%    | 1,013                  | 4   | 0%    | 1,160                                    | 34  | 3%    | 1,031                 | 9   | 1%    | 1,013                  | 4   | 0%    |
| A7b | A338 between South Oxfordshire Crematorium and Steventon Road (East Hanney)       | 1,086                 | 34  | 3%    | 962                   | 9   | 1%    | 1,013                  | 4   | 0%    | 1,132                                    | 37  | 3%    | 1,008                 | 11  | 1%    | 1,013                  | 4   | 0%    |
| A8  | A415 Marcham Road between Marcham and Faringdon Road                              | 1,085                 | 43  | 4%    | 1,339                 | 21  | 2%    | 1,209                  | 3   | 0%    | 1,195                                    | 43  | 4%    | 1,448                 | 21  | 1%    | 1,209                  | 3   | 0%    |
| A9  | A415 Marcham Road between the A34 and Nuffield Way (Abingdon)                     | 2,682                 | 70  | 3%    | 2,474                 | 37  | 1%    | 2,400                  | 12  | 1%    | 2,707                                    | 71  | 3%    | 2,499                 | 38  | 2%    | 2,400                  | 12  | 1%    |
| A10 | A4183 Oxford Road between the A34 and Dunmore Road roundabout (Abingdon)          | 1,356                 | 19  | 1%    | 1,425                 | 6   | 0%    | 1,264                  | 7   | 1%    | 1,356                                    | 19  | 1%    | 1,425                 | 6   | 0%    | 1,264                  | 7   | 1%    |
| A11 | A415 between the River Thames and The Burycroft (Culham)                          | 1,523                 | 27  | 2%    | 977                   | 9   | 1%    | 864                    | 4   | 1%    | 1,525                                    | 27  | 2%    | 979                   | 9   | 1%    | 864                    | 4   | 1%    |
| A12 | B4017 Abingdon Road between Drayton and Abingdon                                  | 951                   | 21  | 2%    | 1,049                 | 8   | 1%    | 1,007                  | 7   | 1%    | 968                                      | 22  | 2%    | 1,067                 | 9   | 1%    | 1,007                  | 7   | 1%    |
| A13 | B4016 Drayton Road between Drayton and Sutton Courtenay                           | 621                   | 16  | 3%    | 713                   | 10  | 1%    | 602                    | 2   | 0%    | 621                                      | 16  | 3%    | 713                   | 10  | 1%    | 602                    | 2   | 0%    |
| A14 | B4017 High Street between Steventon and Drayton                                   | 720                   | 14  | 2%    | 828                   | 11  | 1%    | 656                    | 4   | 1%    | 721                                      | 14  | 2%    | 829                   | 11  | 1%    | 656                    | 4   | 1%    |
| A15 | B4017 High Street between Steventon and A4130                                     | 1,041                 | 33  | 3%    | 971                   | 16  | 2%    | 801                    | 7   | 1%    | 1,102                                    | 35  | 3%    | 1,033                 | 17  | 2%    | 801                    | 7   | 1%    |
| A16 | A4130 between the A34 and Milton interchange                                      | 2,506                 | 231 | 9%    | 2,509                 | 113 | 5%    | 2,621                  | 58  | 2%    | 2,514                                    | 231 | 9%    | 2,517                 | 113 | 5%    | 2,621                  | 58  | 2%    |



| ID   | Link name                                                            | Future Baseline 2036  |     |       |                       |     |       |                        |     |       | Future Baseline 2036 + Peak Construction |     |       |                       |     |       |                        |     |       |
|------|----------------------------------------------------------------------|-----------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|------------------------------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|
|      |                                                                      | AM Peak (07:30-08:30) |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       | AM Peak (07:30-08:30)                    |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       |
|      |                                                                      | All                   | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV | All                                      | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV |
| A17  | A4130 Abingdon Road between Milton Hill and Grove Road (Rowstock)    | 1,110                 | 29  | 3%    | 1,208                 | 6   | 0%    | 670                    | 8   | 1%    | 1,122                                    | 37  | 3%    | 1,221                 | 14  | 1%    | 670                    | 8   | 1%    |
| A18  | A417 Reading Road between Harwell and Harwell Link Road roundabout   | 1,165                 | 16  | 1%    | 879                   | 4   | 1%    | 779                    | 3   | 0%    | 1,165                                    | 16  | 1%    | 879                   | 4   | 1%    | 779                    | 3   | 0%    |
| A19  | A4185 Newbury Road south of Rowstock                                 | 1,132                 | 31  | 3%    | 949                   | 10  | 1%    | 480                    | 6   | 1%    | 1,132                                    | 31  | 3%    | 949                   | 10  | 1%    | 480                    | 6   | 1%    |
| A20  | A417 Reading Road between Rowstock and Wantage                       | 1,431                 | 41  | 3%    | 1,222                 | 14  | 1%    | 844                    | 9   | 1%    | 1,443                                    | 49  | 3%    | 1,234                 | 23  | 2%    | 844                    | 9   | 1%    |
| A21  | B4494 Chain Hill between Wantage and Farnborough                     | 458                   | 9   | 2%    | 343                   | 0   | 0%    | 277                    | 2   | 1%    | 461                                      | 9   | 2%    | 346                   | 0   | 0%    | 277                    | 2   | 1%    |
| A22  | A338 Manor Road south of Wantage                                     | 409                   | 23  | 6%    | 363                   | 6   | 2%    | 394                    | 3   | 1%    | 409                                      | 23  | 6%    | 363                   | 6   | 2%    | 394                    | 3   | 1%    |
| A23  | B4507 Ickleton Road between Wantage and Letcombe Hill (East Challow) | 476                   | 14  | 3%    | 460                   | 3   | 1%    | 351                    | 3   | 1%    | 478                                      | 14  | 3%    | 462                   | 3   | 1%    | 351                    | 3   | 1%    |
| A24  | A417 Faringdon Road between East Challow and Circourt Road           | 882                   | 53  | 6%    | 928                   | 16  | 2%    | 650                    | 4   | 1%    | 882                                      | 53  | 6%    | 928                   | 16  | 2%    | 650                    | 4   | 1%    |
| A25a | A338 between Grove and Old Man's Lane                                | 1,172                 | 30  | 3%    | 1,163                 | 12  | 1%    | 1,207                  | 4   | 0%    | 1,181                                    | 38  | 3%    | 1,172                 | 20  | 2%    | 1,207                  | 4   | 0%    |
| A25b | A338 between Old Man's Lane and East Hanney                          | 1,172                 | 30  | 3%    | 1,163                 | 12  | 1%    | 1,207                  | 4   | 0%    | 1,254                                    | 32  | 3%    | 1,246                 | 15  | 1%    | 1,207                  | 4   | 0%    |
| A26a | Steventon Road at the A338 (East Hanney)                             | 574                   | 20  | 3%    | 474                   | 8   | 2%    | 427                    | 2   | 1%    | 618                                      | 20  | 3%    | 518                   | 8   | 2%    | 427                    | 2   | 1%    |
| A26b | Hanney Road at Steventon                                             | 574                   | 20  | 3%    | 474                   | 8   | 2%    | 427                    | 2   | 1%    | 638                                      | 22  | 3%    | 538                   | 9   | 2%    | 427                    | 2   | 1%    |
| A27  | A34 north of A415 Marcham Interchange                                | 4,347                 | 597 | 14%   | 5,161                 | 572 | 11%   | 4,726                  | 743 | 16%   | 4,556                                    | 621 | 14%   | 5,358                 | 595 | 11%   | 4,726                  | 743 | 16%   |
| A28  | A34 between A415 Marcham Interchange and A4130 Milton Interchange    | 6,814                 | 744 | 11%   | 6,633                 | 694 | 10%   | 5,373                  | 267 | 5%    | 7,060                                    | 762 | 11%   | 6,879                 | 711 | 10%   | 5,373                  | 267 | 5%    |
| A29  | A34 south of A4130 Milton Interchange                                | 4,896                 | 760 | 16%   | 4,914                 | 763 | 16%   | 3,969                  | 261 | 7%    | 5,173                                    | 776 | 15%   | 5,192                 | 779 | 15%   | 3,969                  | 261 | 7%    |
| A30  | A415 Frilford Road between A338 and Marcham                          | 1,078                 | 43  | 4%    | 1,331                 | 21  | 2%    | 1,212                  | 3   | 0%    | 1,188                                    | 43  | 4%    | 1,441                 | 21  | 1%    | 1,212                  | 3   | 0%    |
| A31  | A415 Marcham Road, between Marcham and Faringdon Road                | 1,098                 | 41  | 4%    | 1,511                 | 18  | 1%    | 1,318                  | 3   | 0%    | 1,523                                    | 69  | 5%    | 1,935                 | 46  | 2%    | 1,318                  | 3   | 0%    |
| A32  | A415 Marcham Road between Faringdon Road and the A34                 | 1,896                 | 48  | 3%    | 2,202                 | 29  | 1%    | 1,970                  | 8   | 0%    | 2,321                                    | 76  | 3%    | 2,626                 | 57  | 2%    | 1,970                  | 8   | 0%    |



| ID  | Link name                                                                                  | Future Baseline 2036  |     |       |                       |     |       |                        |     |       | Future Baseline 2036 + Peak Construction |     |       |                       |     |       |                        |     |       |
|-----|--------------------------------------------------------------------------------------------|-----------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|------------------------------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|
|     |                                                                                            | AM Peak (07:30-08:30) |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       | AM Peak (07:30-08:30)                    |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       |
|     |                                                                                            | All                   | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV | All                                      | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV |
| A33 | A415 Marcham Road between Nuffield Road and Colwell Drive (Abingdon)                       | 2,507                 | 55  | 2%    | 2,419                 | 20  | 1%    | 2,561                  | 8   | 0%    | 2,532                                    | 57  | 2%    | 2,444                 | 21  | 1%    | 2,561                  | 8   | 0%    |
| A34 | Ock Street between Spring Road and Stratton Way (Abingdon)                                 | 1,142                 | 25  | 2%    | 1,230                 | 9   | 1%    | 1,056                  | 6   | 1%    | 1,151                                    | 25  | 2%    | 1,239                 | 9   | 1%    | 1,056                  | 6   | 1%    |
| A35 | A417 Denchworth Road between Mably Way and Mill Street (Wantage)                           | 985                   | 42  | 4%    | 939                   | 21  | 2%    | 779                    | 7   | 1%    | 986                                      | 42  | 4%    | 940                   | 21  | 2%    | 779                    | 7   | 1%    |
| A36 | A417 Mably Way between A338 and Denchworth Road (Wantage)                                  | 1,133                 | 43  | 4%    | 1,228                 | 23  | 2%    | 975                    | 10  | 1%    | 1,133                                    | 43  | 4%    | 1,229                 | 23  | 2%    | 975                    | 10  | 1%    |
| A37 | A338 Grove Road between A417 and Harcourt Way (Wantage)                                    | 1,386                 | 45  | 3%    | 1,661                 | 16  | 1%    | 1,476                  | 9   | 1%    | 1,394                                    | 54  | 4%    | 1,670                 | 24  | 1%    | 1,476                  | 9   | 1%    |
| A38 | Harcourt Road between A338 and Charlton Village Road (Wantage)                             | 624                   | 4   | 1%    | 630                   | 8   | 1%    | 397                    | 1   | 0%    | 632                                      | 13  | 2%    | 638                   | 16  | 3%    | 397                    | 1   | 0%    |
| A39 | Charlton Road between Garston Lane and Charlton Village Road (Charlton)                    | 1,276                 | 43  | 3%    | 1,284                 | 3   | 0%    | 1,057                  | 9   | 1%    | 1,280                                    | 43  | 3%    | 1,288                 | 3   | 0%    | 1,057                  | 9   | 1%    |
| A40 | Wallingford Street between B4507 and Seesen Way (Wantage)                                  | 1,205                 | 40  | 3%    | 1,480                 | 9   | 1%    | 1,263                  | 10  | 1%    | 1,205                                    | 40  | 3%    | 1,481                 | 9   | 1%    | 1,263                  | 10  | 1%    |
| A41 | Wallingford Street between Partridge Close and Seesen Way (Wantage)                        | 791                   | 13  | 2%    | 934                   | 7   | 1%    | 752                    | 1   | 0%    | 791                                      | 13  | 2%    | 934                   | 7   | 1%    | 752                    | 1   | 0%    |
| A42 | Seesen Way between Little Lane and Wallingford Street (Wantage)                            | 894                   | 43  | 5%    | 1,340                 | 9   | 1%    | 1,305                  | 9   | 1%    | 895                                      | 43  | 5%    | 1,340                 | 9   | 1%    | 1,305                  | 9   | 1%    |
| A43 | B4507 Ormond Road between Charlton Road and Chain Hill (Wantage)                           | 839                   | 21  | 3%    | 882                   | 8   | 1%    | 828                    | 7   | 1%    | 844                                      | 21  | 2%    | 887                   | 8   | 1%    | 828                    | 7   | 1%    |
| A44 | B4507 Ickleton Road between A338 Newbury Street and Ham Road (Wantage)                     | 723                   | 21  | 3%    | 734                   | 8   | 1%    | 621                    | 6   | 1%    | 725                                      | 21  | 3%    | 736                   | 8   | 1%    | 621                    | 6   | 1%    |
| A45 | Ham Road between B4507 and A417 (Wantage)                                                  | 476                   | 14  | 3%    | 460                   | 3   | 1%    | 351                    | 3   | 1%    | 476                                      | 14  | 3%    | 460                   | 3   | 1%    | 351                    | 3   | 1%    |
| A46 | Faringdon Road between A415 Marcham Road and Gozzard's Ford                                | 887                   | 13  | 2%    | 847                   | 11  | 1%    | 792                    | 4   | 1%    | 887                                      | 13  | 2%    | 847                   | 11  | 1%    | 792                    | 4   | 1%    |
| A47 | A338 between Steventon Road and new proposed roundabout location                           | 1,172                 | 30  | 3%    | 1,163                 | 12  | 1%    | 1,207                  | 4   | 0%    | 1,132                                    | 37  | 3%    | 1,008                 | 11  | 1%    | 1,013                  | 4   | 0%    |
| Z1  | A415 main operational site access and construction compound A1 between the A34 and Marcham | 0                     | 0   | 0%    | 0                     | 0   | 0%    | 0                      | 0   | 0%    | 417                                      | 28  | 7%    | 417                   | 28  | 7%    | 0                      | 0   | 0%    |

| ID | Link name                                                      | Future Baseline 2036  |     |       |                       |     |       |                        |     |       | Future Baseline 2036 + Peak Construction |     |       |                       |     |       |                        |     |       |
|----|----------------------------------------------------------------|-----------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|------------------------------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|
|    |                                                                | AM Peak (07:30-08:30) |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       | AM Peak (07:30-08:30)                    |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       |
|    |                                                                | All                   | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV | All                                      | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV |
| Z2 | A338 south of East Hanney, construction compound A2-A3         | 0                     | 0   | 0%    | 0                     | 0   | 0%    | 0                      | 0   | 0%    | 87                                       | 6   | 7%    | 87                    | 6   | 7%    | 0                      | 0   | 0%    |
| Z3 | A338 north of East Hanney, construction compound A4            | 0                     | 0   | 0%    | 0                     | 0   | 0%    | 0                      | 0   | 0%    | 35                                       | 2   | 7%    | 35                    | 2   | 7%    | 0                      | 0   | 0%    |
| Z4 | Hanney Road construction compound A5                           | 0                     | 0   | 0%    | 0                     | 0   | 0%    | 0                      | 0   | 0%    | 23                                       | 2   | 7%    | 23                    | 2   | 7%    | 0                      | 0   | 0%    |
| Z5 | B4017 construction compound A6                                 | 0                     | 0   | 0%    | 0                     | 0   | 0%    | 0                      | 0   | 0%    | 17                                       | 1   | 7%    | 17                    | 1   | 7%    | 0                      | 0   | 0%    |
| Z6 | Steventon to East Hanney Road southern operational site access | 0                     | 0   | 0%    | 0                     | 0   | 0%    | 0                      | 0   | 0%    | 0                                        | 0   | 0%    | 0                     | 0   | 0%    | 0                      | 0   | 0%    |

Table 1.2 Net change in peak hour flows for 2036 construction scenario

| ID   | Link name                                                                         | 2036 construction: net change as the result of SESRO (percentage change in brackets) |          |           |                       |           |           |                        |        |          |
|------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------|-----------|-----------------------|-----------|-----------|------------------------|--------|----------|
|      |                                                                                   | AM Peak (07:30-08:30)                                                                |          |           | PM Peak (16:15-17:15) |           |           | Saturday (11.30-12.30) |        |          |
|      |                                                                                   | All                                                                                  | HGV      | % HGV     | All                   | HGV       | % HGV     | All                    | HGV    | % HGV    |
| A1   | A420 between the A415 and B4508 (Pusey)                                           | 424 (39%)                                                                            | 28 (68%) | 1% (21%)  | 424 (28%)             | 28 (157%) | 1% (101%) | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A2   | A415 between the A420 and Newbridge                                               | 424 (22%)                                                                            | 28 (59%) | 1% (30%)  | 424 (19%)             | 28 (97%)  | 1% (65%)  | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A3   | A420 between the A415 and Abingdon Road (Fyfield)                                 | 25 (1%)                                                                              | 1 (2%)   | 0% (1%)   | 25 (1%)               | 1 (5%)    | 0% (5%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A4   | A415 Kingston Road between Kingston Bagpuize and Frilford                         | 9 (1%)                                                                               | 0 (0%)   | 0% (-1%)  | 9 (1%)                | 0 (0%)    | 0% (-1%)  | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A5   | A420 between A338 and Besselsleigh Road (Bessels Leigh)                           | 0 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A6   | A338 Oxford Road between A415 and Abingdon Road / Faringdon Road (Frilford Heath) | 0 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A7a  | A338 between Frilford and South Oxfordshire Crematorium                           | 9 (1%)                                                                               | 8 (18%)  | 1% (17%)  | 9 (1%)                | 8 (51%)   | 0% (52%)  | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A7b  | A338 between South Oxfordshire Crematorium and Steventon Road (East Hanney)       | 8 (1%)                                                                               | 8 (180%) | 1% (181%) | 8 (1%)                | 8 (103%)  | 1% (102%) | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A8   | A415 Marcham Road between Marcham and Faringdon Road                              | 4 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 4 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A9   | A415 Marcham Road between the A34 and Nuffield Way (Abingdon)                     | 1 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 1 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A10  | A4183 Oxford Road between the A34 and Dunmore Road roundabout (Abingdon)          | 0 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A11  | A415 between the River Thames and The Burycroft (Culham)                          | 1 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 1 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A12  | B4017 Abingdon Road between Drayton and Abingdon                                  | 5 (1%)                                                                               | 0 (0%)   | 0% (-1%)  | 5 (1%)                | 0 (0%)    | 0% (-1%)  | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A13  | B4016 Drayton Road between Drayton and Sutton Courtenay                           | 2 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 2 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A14  | B4017 High Street between Steventon and Drayton                                   | 0 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A15  | B4017 High Street between Steventon and A4130                                     | 0 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A16  | A4130 between the A34 and Milton interchange                                      | -40 (-3%)                                                                            | 7 (23%)  | 1% (27%)  | -155 (-13%)           | -1 (-8%)  | 0% (6%)   | -193 (-16%)            | 0 (0%) | 0% (19%) |
| A17  | A4130 Abingdon Road between Milton Hill and Grove Road (Rowstock)                 | 417 (0%)                                                                             | 28 (0%)  | 7% (0%)   | 417 (0%)              | 28 (0%)   | 7% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A18  | A417 Reading Road between Harwell and Harwell Link Road roundabout                | 87 (0%)                                                                              | 6 (0%)   | 7% (0%)   | 87 (0%)               | 6 (0%)    | 7% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A19  | A4185 Newbury Road south of Rowstock                                              | 35 (0%)                                                                              | 2 (0%)   | 7% (0%)   | 35 (0%)               | 2 (0%)    | 7% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A20  | A417 Reading Road between Rowstock and Wantage                                    | 23 (0%)                                                                              | 2 (0%)   | 7% (0%)   | 23 (0%)               | 2 (0%)    | 7% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A21  | B4494 Chain Hill between Wantage and Farnborough                                  | 17 (0%)                                                                              | 1 (0%)   | 7% (0%)   | 17 (0%)               | 1 (0%)    | 7% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A22  | A338 Manor Road south of Wantage                                                  | 0 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A23  | B4507 Ickleton Road between Wantage and Letcombe Hill (East Challow)              | 424 (39%)                                                                            | 28 (68%) | 1% (21%)  | 424 (28%)             | 28 (157%) | 1% (101%) | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A24  | A417 Faringdon Road between East Challow and Circourt Road                        | 424 (22%)                                                                            | 28 (59%) | 1% (30%)  | 424 (19%)             | 28 (97%)  | 1% (65%)  | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A25a | A338 between Grove and Old Man's Lane                                             | 25 (1%)                                                                              | 1 (2%)   | 0% (1%)   | 25 (1%)               | 1 (5%)    | 0% (5%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A25b | A338 between Old Man's Lane and East Hanney                                       | 9 (1%)                                                                               | 0 (0%)   | 0% (-1%)  | 9 (1%)                | 0 (0%)    | 0% (-1%)  | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A26a | Steventon Road at the A338 (East Hanney)                                          | 0 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |

| ID   | Link name                                                                                  | 2036 construction: net change as the result of SESRO (percentage change in brackets) |          |           |                       |           |           |                        |        |          |
|------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------|-----------|-----------------------|-----------|-----------|------------------------|--------|----------|
|      |                                                                                            | AM Peak (07:30-08:30)                                                                |          |           | PM Peak (16:15-17:15) |           |           | Saturday (11.30-12.30) |        |          |
|      |                                                                                            | All                                                                                  | HGV      | % HGV     | All                   | HGV       | % HGV     | All                    | HGV    | % HGV    |
| A26b | Hanney Road at Steventon                                                                   | 0 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A27  | A34 north of A415 Marcham Interchange                                                      | 9 (1%)                                                                               | 8 (18%)  | 1% (17%)  | 9 (1%)                | 8 (51%)   | 0% (52%)  | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A28  | A34 between A415 Marcham Interchange and A4130 Milton Interchange                          | 8 (1%)                                                                               | 8 (180%) | 1% (181%) | 8 (1%)                | 8 (103%)  | 1% (102%) | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A29  | A34 south of A4130 Milton Interchange                                                      | 4 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 4 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A30  | A415 Frilford Road between A338 and Marcham                                                | 1 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 1 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A31  | A415 Marcham Road, between Marcham and Faringdon Road                                      | 0 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A32  | A415 Marcham Road between Faringdon Road and the A34                                       | 1 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 1 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A33  | A415 Marcham Road between Nuffield Road and Colwell Drive (Abingdon)                       | 5 (1%)                                                                               | 0 (0%)   | 0% (-1%)  | 5 (1%)                | 0 (0%)    | 0% (-1%)  | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A34  | Ock Street between Spring Road and Stratton Way (Abingdon)                                 | 2 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 2 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A35  | A417 Denchworth Road between Mably Way and Mill Street (Wantage)                           | 0 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A36  | A417 Mably Way between A338 and Denchworth Road (Wantage)                                  | 0 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A37  | A338 Grove Road between A417 and Harcourt Way (Wantage)                                    | -40 (-3%)                                                                            | 7 (23%)  | 1% (27%)  | -155 (-13%)           | -1 (-8%)  | 0% (6%)   | -193 (-16%)            | 0 (0%) | 0% (19%) |
| A38  | Harcourt Road between A338 and Charlton Village Road (Wantage)                             | 417 (0%)                                                                             | 28 (0%)  | 7% (0%)   | 417 (0%)              | 28 (0%)   | 7% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A39  | Charlton Road between Garston Lane and Charlton Village Road (Charlton)                    | 87 (0%)                                                                              | 6 (0%)   | 7% (0%)   | 87 (0%)               | 6 (0%)    | 7% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A40  | Wallingford Street between B4507 and Seesen Way (Wantage)                                  | 35 (0%)                                                                              | 2 (0%)   | 7% (0%)   | 35 (0%)               | 2 (0%)    | 7% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A41  | Wallingford Street between Partridge Close and Seesen Way (Wantage)                        | 23 (0%)                                                                              | 2 (0%)   | 7% (0%)   | 23 (0%)               | 2 (0%)    | 7% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A42  | Seesen Way between Little Lane and Wallingford Street (Wantage)                            | 17 (0%)                                                                              | 1 (0%)   | 7% (0%)   | 17 (0%)               | 1 (0%)    | 7% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A43  | B4507 Ormond Road between Charlton Road and Chain Hill (Wantage)                           | 0 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A44  | B4507 Ickleton Road between A338 Newbury Street and Ham Road (Wantage)                     | 424 (39%)                                                                            | 28 (68%) | 1% (21%)  | 424 (28%)             | 28 (157%) | 1% (101%) | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A45  | Ham Road between B4507 and A417 (Wantage)                                                  | 424 (22%)                                                                            | 28 (59%) | 1% (30%)  | 424 (19%)             | 28 (97%)  | 1% (65%)  | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A46  | Faringdon Road between A415 Marcham Road and Gozzard's Ford                                | 25 (1%)                                                                              | 1 (2%)   | 0% (1%)   | 25 (1%)               | 1 (5%)    | 0% (5%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| A47  | A338 between Steventon Road and new proposed roundabout location                           | 9 (1%)                                                                               | 0 (0%)   | 0% (-1%)  | 9 (1%)                | 0 (0%)    | 0% (-1%)  | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| Z1   | A415 main operational site access and construction compound A1 between the A34 and Marcham | 0 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| Z2   | A338 south of East Hanney, construction compound A2-A3                                     | 0 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| Z3   | A338 north of East Hanney, construction compound A4                                        | 9 (1%)                                                                               | 8 (18%)  | 1% (17%)  | 9 (1%)                | 8 (51%)   | 0% (52%)  | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| Z4   | Hanney Road construction compound A5                                                       | 8 (1%)                                                                               | 8 (180%) | 1% (181%) | 8 (1%)                | 8 (103%)  | 1% (102%) | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| Z5   | B4017 construction compound A6                                                             | 4 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 4 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |
| Z6   | Steventon to East Hanney Road southern operational site access                             | 1 (0%)                                                                               | 0 (0%)   | 0% (0%)   | 1 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)  |

Table 1.3 Peak hour traffic flows for 2043 operation scenario

| ID  | Link name                                                                         | Future Baseline 2036  |     |       |                       |     |       |                        |     |       | Future Baseline 2036 + Peak Construction |     |       |                       |     |       |                        |     |       |
|-----|-----------------------------------------------------------------------------------|-----------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|------------------------------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|
|     |                                                                                   | AM Peak (07:30-08:30) |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       | AM Peak (07:30-08:30)                    |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       |
|     |                                                                                   | All                   | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV | All                                      | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV |
| A1  | A420 between the A415 and B4508 (Pusey)                                           | 2,126                 | 178 | 8%    | 2,314                 | 120 | 5%    | 1,684                  | 49  | 3%    | 2,133                                    | 178 | 8%    | 2,327                 | 120 | 5%    | 1,723                  | 49  | 3%    |
| A2  | A415 between the A420 and Newbridge                                               | 1,288                 | 24  | 2%    | 1,274                 | 15  | 1%    | 964                    | 7   | 1%    | 1,295                                    | 24  | 2%    | 1,288                 | 15  | 1%    | 1,008                  | 7   | 1%    |
| A3  | A420 between the A415 and Abingdon Road (Fyfield)                                 | 2,060                 | 154 | 7%    | 2,557                 | 117 | 5%    | 1,909                  | 56  | 3%    | 2,060                                    | 154 | 7%    | 2,557                 | 117 | 5%    | 1,909                  | 56  | 3%    |
| A4  | A415 Kingston Road between Kingston Bagpuize and Frilford                         | 1,462                 | 72  | 5%    | 1,344                 | 25  | 2%    | 1,025                  | 9   | 1%    | 1,475                                    | 72  | 5%    | 1,370                 | 25  | 2%    | 1,108                  | 9   | 1%    |
| A5  | A420 between A338 and Besselsleigh Road (Bessels Leigh)                           | 2,670                 | 163 | 6%    | 2,637                 | 130 | 5%    | 2,168                  | 59  | 3%    | 2,672                                    | 163 | 6%    | 2,639                 | 130 | 5%    | 2,174                  | 59  | 3%    |
| A6  | A338 Oxford Road between A415 and Abingdon Road / Faringdon Road (Frilford Heath) | 942                   | 29  | 3%    | 744                   | 5   | 1%    | 763                    | 2   | 0%    | 944                                      | 29  | 3%    | 745                   | 5   | 1%    | 768                    | 2   | 0%    |
| A7a | A338 between Frilford and South Oxfordshire Crematorium                           | 1,132                 | 36  | 3%    | 1,002                 | 9   | 1%    | 1,057                  | 5   | 0%    | 1,138                                    | 36  | 3%    | 1,010                 | 9   | 1%    | 1,084                  | 5   | 0%    |
| A7b | A338 between South Oxfordshire Crematorium and Steventon Road (East Hanney)       | 1,132                 | 36  | 3%    | 1,002                 | 9   | 1%    | 1,057                  | 5   | 0%    | 1,138                                    | 36  | 3%    | 1,010                 | 9   | 1%    | 1,084                  | 5   | 0%    |
| A8  | A415 Marcham Road between Marcham and Faringdon Road                              | 1,131                 | 45  | 4%    | 1,393                 | 22  | 2%    | 1,261                  | 4   | 0%    | 1,146                                    | 45  | 4%    | 1,419                 | 22  | 2%    | 1,344                  | 4   | 0%    |
| A9  | A415 Marcham Road between the A34 and Nuffield Way (Abingdon)                     | 2,795                 | 73  | 3%    | 2,575                 | 38  | 1%    | 2,503                  | 13  | 1%    | 2,799                                    | 73  | 3%    | 2,579                 | 38  | 1%    | 2,521                  | 13  | 1%    |
| A10 | A4183 Oxford Road between the A34 and Dunmore Road roundabout (Abingdon)          | 1,412                 | 20  | 1%    | 1,484                 | 6   | 0%    | 1,318                  | 7   | 1%    | 1,412                                    | 20  | 1%    | 1,484                 | 6   | 0%    | 1,318                  | 7   | 1%    |
| A11 | A415 between the River Thames and The Burycroft (Culham)                          | 1,587                 | 28  | 2%    | 1,017                 | 9   | 1%    | 901                    | 5   | 1%    | 1,589                                    | 28  | 2%    | 1,019                 | 9   | 1%    | 908                    | 5   | 1%    |
| A12 | B4017 Abingdon Road between Drayton and Abingdon                                  | 991                   | 22  | 2%    | 1,092                 | 8   | 1%    | 1,050                  | 7   | 1%    | 992                                      | 22  | 2%    | 1,093                 | 8   | 1%    | 1,054                  | 7   | 1%    |
| A13 | B4016 Drayton Road between Drayton and Sutton Courtenay                           | 647                   | 16  | 3%    | 742                   | 10  | 1%    | 628                    | 2   | 0%    | 647                                      | 16  | 3%    | 742                   | 10  | 1%    | 628                    | 2   | 0%    |
| A14 | B4017 High Street between Steventon and Drayton                                   | 751                   | 15  | 2%    | 862                   | 12  | 1%    | 684                    | 5   | 1%    | 752                                      | 15  | 2%    | 863                   | 12  | 1%    | 689                    | 5   | 1%    |
| A15 | B4017 High Street between Steventon and A4130                                     | 1,084                 | 35  | 3%    | 1,011                 | 16  | 2%    | 836                    | 7   | 1%    | 1,103                                    | 35  | 3%    | 1,048                 | 16  | 2%    | 954                    | 7   | 1%    |
| A16 | A4130 between the A34 and Milton interchange                                      | 2,611                 | 240 | 9%    | 2,612                 | 118 | 5%    | 2,734                  | 61  | 2%    | 2,616                                    | 240 | 9%    | 2,617                 | 118 | 5%    | 2,752                  | 61  | 2%    |



| ID   | Link name                                                            | Future Baseline 2036  |     |       |                       |     |       |                        |     |       | Future Baseline 2036 + Peak Construction |     |       |                       |     |       |                        |     |       |
|------|----------------------------------------------------------------------|-----------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|------------------------------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|
|      |                                                                      | AM Peak (07:30-08:30) |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       | AM Peak (07:30-08:30)                    |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       |
|      |                                                                      | All                   | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV | All                                      | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV |
| A17  | A4130 Abingdon Road between Milton Hill and Grove Road (Rowstock)    | 1,156                 | 30  | 3%    | 1,258                 | 6   | 0%    | 698                    | 8   | 1%    | 1,156                                    | 30  | 3%    | 1,258                 | 6   | 0%    | 698                    | 8   | 1%    |
| A18  | A417 Reading Road between Harwell and Harwell Link Road roundabout   | 1,214                 | 16  | 1%    | 915                   | 5   | 1%    | 812                    | 4   | 0%    | 1,214                                    | 16  | 1%    | 915                   | 5   | 1%    | 812                    | 4   | 0%    |
| A19  | A4185 Newbury Road south of Rowstock                                 | 1,179                 | 32  | 3%    | 988                   | 10  | 1%    | 500                    | 6   | 1%    | 1,179                                    | 32  | 3%    | 988                   | 10  | 1%    | 500                    | 6   | 1%    |
| A20  | A417 Reading Road between Rowstock and Wantage                       | 1,491                 | 43  | 3%    | 1,272                 | 15  | 1%    | 880                    | 9   | 1%    | 1,491                                    | 43  | 3%    | 1,272                 | 15  | 1%    | 880                    | 9   | 1%    |
| A21  | B4494 Chain Hill between Wantage and Farnborough                     | 477                   | 9   | 2%    | 357                   | 0   | 0%    | 289                    | 2   | 1%    | 478                                      | 9   | 2%    | 357                   | 0   | 0%    | 292                    | 2   | 1%    |
| A22  | A338 Manor Road south of Wantage                                     | 426                   | 24  | 6%    | 378                   | 6   | 2%    | 411                    | 4   | 1%    | 426                                      | 24  | 6%    | 378                   | 6   | 2%    | 411                    | 4   | 1%    |
| A23  | B4507 Ickleton Road between Wantage and Letcombe Hill (East Challow) | 495                   | 15  | 3%    | 478                   | 3   | 1%    | 366                    | 4   | 1%    | 497                                      | 15  | 3%    | 480                   | 3   | 1%    | 371                    | 4   | 1%    |
| A24  | A417 Faringdon Road between East Challow and Circourt Road           | 919                   | 55  | 6%    | 966                   | 16  | 2%    | 679                    | 5   | 1%    | 919                                      | 55  | 6%    | 966                   | 16  | 2%    | 679                    | 5   | 1%    |
| A25a | A338 between Grove and Old Man's Lane                                | 1,221                 | 31  | 3%    | 1,210                 | 13  | 1%    | 1,259                  | 5   | 0%    | 1,224                                    | 31  | 3%    | 1,214                 | 13  | 1%    | 1,272                  | 5   | 0%    |
| A25b | A338 between Old Man's Lane and East Hanney                          | 1,221                 | 31  | 3%    | 1,210                 | 13  | 1%    | 1,259                  | 5   | 0%    | 1,224                                    | 31  | 3%    | 1,214                 | 13  | 1%    | 1,272                  | 5   | 0%    |
| A26a | Steventon Road at the A338 (East Hanney)                             | 598                   | 21  | 3%    | 493                   | 8   | 2%    | 445                    | 2   | 1%    | 602                                      | 21  | 3%    | 500                   | 8   | 2%    | 463                    | 2   | 1%    |
| A26b | Hanney Road at Steventon                                             | 598                   | 21  | 3%    | 493                   | 8   | 2%    | 445                    | 2   | 1%    | 618                                      | 21  | 3%    | 531                   | 8   | 2%    | 568                    | 2   | 0%    |
| A27  | A34 north of A415 Marcham Interchange                                | 4,530                 | 623 | 14%   | 5,372                 | 595 | 11%   | 4,930                  | 775 | 16%   | 4,572                                    | 623 | 14%   | 5,453                 | 597 | 11%   | 5,194                  | 775 | 15%   |
| A28  | A34 between A415 Marcham Interchange and A4130 Milton Interchange    | 7,100                 | 775 | 11%   | 6,904                 | 722 | 10%   | 5,604                  | 279 | 5%    | 7,147                                    | 775 | 11%   | 7,004                 | 722 | 10%   | 5,921                  | 279 | 5%    |
| A29  | A34 south of A4130 Milton Interchange                                | 5,101                 | 792 | 16%   | 5,115                 | 794 | 16%   | 4,140                  | 272 | 7%    | 5,145                                    | 792 | 15%   | 5,215                 | 794 | 15%   | 4,451                  | 272 | 6%    |
| A30  | A415 Frilford Road between A338 and Marcham                          | 1,124                 | 45  | 4%    | 1,385                 | 22  | 2%    | 1,264                  | 4   | 0%    | 1,139                                    | 45  | 4%    | 1,411                 | 22  | 2%    | 1,347                  | 4   | 0%    |
| A31  | A415 Marcham Road, between Marcham and Faringdon Road                | 1,145                 | 43  | 4%    | 1,573                 | 19  | 1%    | 1,375                  | 4   | 0%    | 1,222                                    | 43  | 3%    | 1,727                 | 21  | 1%    | 1,867                  | 4   | 0%    |
| A32  | A415 Marcham Road between Faringdon Road and the A34                 | 1,976                 | 50  | 3%    | 2,292                 | 30  | 1%    | 2,056                  | 8   | 0%    | 2,053                                    | 50  | 2%    | 2,446                 | 32  | 1%    | 2,548                  | 8   | 0%    |

| ID  | Link name                                                                                  | Future Baseline 2036  |     |       |                       |     |       |                        |     |       | Future Baseline 2036 + Peak Construction |     |       |                       |     |       |                        |     |       |
|-----|--------------------------------------------------------------------------------------------|-----------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|------------------------------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|
|     |                                                                                            | AM Peak (07:30-08:30) |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       | AM Peak (07:30-08:30)                    |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       |
|     |                                                                                            | All                   | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV | All                                      | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV |
| A33 | A415 Marcham Road between Nuffield Road and Colwell Drive (Abingdon)                       | 2,612                 | 58  | 2%    | 2,518                 | 21  | 1%    | 2,672                  | 8   | 0%    | 2,617                                    | 58  | 2%    | 2,523                 | 21  | 1%    | 2,690                  | 8   | 0%    |
| A34 | Ock Street between Spring Road and Stratton Way (Abingdon)                                 | 1,190                 | 27  | 2%    | 1,280                 | 9   | 1%    | 1,102                  | 6   | 1%    | 1,195                                    | 27  | 2%    | 1,286                 | 9   | 1%    | 1,124                  | 6   | 1%    |
| A35 | A417 Denchworth Road between Mably Way and Mill Street (Wantage)                           | 1,027                 | 44  | 4%    | 978                   | 22  | 2%    | 812                    | 7   | 1%    | 1,028                                    | 44  | 4%    | 979                   | 22  | 2%    | 817                    | 7   | 1%    |
| A36 | A417 Mably Way between A338 and Denchworth Road (Wantage)                                  | 1,180                 | 45  | 4%    | 1,279                 | 24  | 2%    | 1,017                  | 11  | 1%    | 1,182                                    | 45  | 4%    | 1,280                 | 24  | 2%    | 1,022                  | 11  | 1%    |
| A37 | A338 Grove Road between A417 and Harcourt Way (Wantage)                                    | 1,444                 | 47  | 3%    | 1,729                 | 16  | 1%    | 1,540                  | 9   | 1%    | 1,446                                    | 47  | 3%    | 1,731                 | 16  | 1%    | 1,547                  | 9   | 1%    |
| A38 | Harcourt Road between A338 and Charlton Village Road (Wantage)                             | 650                   | 5   | 1%    | 656                   | 8   | 1%    | 414                    | 1   | 0%    | 650                                      | 5   | 1%    | 656                   | 8   | 1%    | 414                    | 1   | 0%    |
| A39 | Charlton Road between Garston Lane and Charlton Village Road (Charlton)                    | 1,329                 | 45  | 3%    | 1,337                 | 3   | 0%    | 1,103                  | 9   | 1%    | 1,329                                    | 45  | 3%    | 1,337                 | 3   | 0%    | 1,103                  | 9   | 1%    |
| A40 | Wallingford Street between B4507 and Seesen Way (Wantage)                                  | 1,255                 | 42  | 3%    | 1,540                 | 9   | 1%    | 1,317                  | 11  | 1%    | 1,257                                    | 42  | 3%    | 1,542                 | 9   | 1%    | 1,325                  | 11  | 1%    |
| A41 | Wallingford Street between Partridge Close and Seesen Way (Wantage)                        | 825                   | 14  | 2%    | 972                   | 7   | 1%    | 784                    | 1   | 0%    | 825                                      | 14  | 2%    | 972                   | 7   | 1%    | 784                    | 1   | 0%    |
| A42 | Seesen Way between Little Lane and Wallingford Street (Wantage)                            | 932                   | 45  | 5%    | 1,394                 | 9   | 1%    | 1,362                  | 9   | 1%    | 934                                      | 45  | 5%    | 1,397                 | 9   | 1%    | 1,369                  | 9   | 1%    |
| A43 | B4507 Ormond Road between Charlton Road and Chain Hill (Wantage)                           | 874                   | 22  | 3%    | 918                   | 8   | 1%    | 864                    | 7   | 1%    | 876                                      | 22  | 3%    | 921                   | 8   | 1%    | 871                    | 7   | 1%    |
| A44 | B4507 Ickleton Road between A338 Newbury Street and Ham Road (Wantage)                     | 753                   | 22  | 3%    | 764                   | 8   | 1%    | 648                    | 6   | 1%    | 753                                      | 22  | 3%    | 764                   | 8   | 1%    | 648                    | 6   | 1%    |
| A45 | Ham Road between B4507 and A417 (Wantage)                                                  | 495                   | 15  | 3%    | 478                   | 3   | 1%    | 366                    | 4   | 1%    | 497                                      | 15  | 3%    | 480                   | 3   | 1%    | 371                    | 4   | 1%    |
| A46 | Faringdon Road between A415 Marcham Road and Gozzard's Ford                                | 924                   | 14  | 2%    | 881                   | 12  | 1%    | 826                    | 5   | 1%    | 924                                      | 14  | 2%    | 881                   | 12  | 1%    | 826                    | 5   | 1%    |
| A47 | A338 between Steventon Road and new proposed roundabout location                           | 1,221                 | 31  | 3%    | 1,210                 | 13  | 1%    | 1,259                  | 5   | 0%    | 1,138                                    | 36  | 3%    | 1,010                 | 9   | 1%    | 1,084                  | 5   | 0%    |
| Z1  | A415 main operational site access and construction compound A1 between the A34 and Marcham | 0                     | 0   | 0     | 0                     | 0   | 0     | 0                      | 0   | 0     | 93                                       | 0   | 0     | 180                   | 2   | 0     | 575                    | 0   | 0     |

| ID | Link name                                                      | Future Baseline 2036  |     |       |                       |     |       |                        |     |       | Future Baseline 2036 + Peak Construction |     |       |                       |     |       |                        |     |       |
|----|----------------------------------------------------------------|-----------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|------------------------------------------|-----|-------|-----------------------|-----|-------|------------------------|-----|-------|
|    |                                                                | AM Peak (07:30-08:30) |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       | AM Peak (07:30-08:30)                    |     |       | PM Peak (16:15-17:15) |     |       | Saturday (11.30-12.30) |     |       |
|    |                                                                | All                   | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV | All                                      | HGV | % HGV | All                   | HGV | % HGV | All                    | HGV | % HGV |
| Z2 | A338 south of East Hanney, construction compound A2-A3         | 0                     | 0   | 0     | 0                     | 0   | 0     | 0                      | 0   | 0     | 0                                        | 0   | 0     | 0                     | 0   | 0     | 0                      | 0   | 0     |
| Z3 | A338 north of East Hanney, construction compound A4            | 0                     | 0   | 0     | 0                     | 0   | 0     | 0                      | 0   | 0     | 0                                        | 0   | 0     | 0                     | 0   | 0     | 0                      | 0   | 0     |
| Z4 | Hanney Road construction compound A5                           | 0                     | 0   | 0     | 0                     | 0   | 0     | 0                      | 0   | 0     | 0                                        | 0   | 0     | 0                     | 0   | 0     | 0                      | 0   | 0     |
| Z5 | B4017 construction compound A6                                 | 0                     | 0   | 0     | 0                     | 0   | 0     | 0                      | 0   | 0     | 0                                        | 0   | 0     | 0                     | 0   | 0     | 0                      | 0   | 0     |
| Z6 | Steventon to East Hanney Road southern operational site access | 0                     | 0   | 0     | 0                     | 0   | 0     | 0                      | 0   | 0     | 23                                       | 0   | 0     | 44                    | 0   | 0     | 141                    | 0   | 0     |

Table 1.4 Net change in peak hour flows for 2043 operation scenario

| ID   | Link name                                                                         | 2036 construction: net change as the result of SESRO (percentage change in brackets) |        |          |                       |        |          |                        |        |           |
|------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------|----------|-----------------------|--------|----------|------------------------|--------|-----------|
|      |                                                                                   | AM Peak (07:30-08:30)                                                                |        |          | PM Peak (16:15-17:15) |        |          | Saturday (11.30-12.30) |        |           |
|      |                                                                                   | All                                                                                  | HGV    | % HGV    | All                   | HGV    | % HGV    | All                    | HGV    | % HGV     |
| A1   | A420 between the A415 and B4508 (Pusey)                                           | 6 (0%)                                                                               | 0 (0%) | 0% (0%)  | 13 (1%)               | 0 (0%) | 0% (-1%) | 39 (2%)                | 0 (0%) | 0% (-2%)  |
| A2   | A415 between the A420 and Newbridge                                               | 8 (1%)                                                                               | 0 (0%) | 0% (-1%) | 14 (1%)               | 0 (0%) | 0% (-1%) | 43 (4%)                | 0 (0%) | 0% (-4%)  |
| A3   | A420 between the A415 and Abingdon Road (Fyfield)                                 | 0 (0%)                                                                               | 0 (0%) | 0% (0%)  | 0 (0%)                | 0 (0%) | 0% (0%)  | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| A4   | A415 Kingston Road between Kingston Bagpuize and Frilford                         | 13 (1%)                                                                              | 0 (0%) | 0% (-1%) | 27 (2%)               | 0 (0%) | 0% (-2%) | 82 (8%)                | 0 (0%) | 0% (-7%)  |
| A5   | A420 between A338 and Besselsleigh Road (Bessels Leigh)                           | 1 (0%)                                                                               | 0 (0%) | 0% (0%)  | 2 (0%)                | 0 (0%) | 0% (0%)  | 6 (0%)                 | 0 (0%) | 0% (0%)   |
| A6   | A338 Oxford Road between A415 and Abingdon Road / Faringdon Road (Frilford Heath) | 1 (0%)                                                                               | 0 (0%) | 0% (0%)  | 2 (0%)                | 0 (0%) | 0% (0%)  | 6 (1%)                 | 0 (0%) | 0% (-1%)  |
| A7a  | A338 between Frilford and South Oxfordshire Crematorium                           | 6 (1%)                                                                               | 0 (0%) | 0% (-1%) | 9 (1%)                | 0 (0%) | 0% (-1%) | 27 (3%)                | 0 (0%) | 0% (-2%)  |
| A7b  | A338 between South Oxfordshire Crematorium and Steventon Road (East Hanney)       | 6 (1%)                                                                               | 0 (0%) | 0% (-1%) | 9 (1%)                | 0 (0%) | 0% (-1%) | 27 (3%)                | 0 (0%) | 0% (-2%)  |
| A8   | A415 Marcham Road between Marcham and Faringdon Road                              | 15 (1%)                                                                              | 0 (0%) | 0% (-1%) | 25 (2%)               | 0 (0%) | 0% (-2%) | 83 (7%)                | 0 (0%) | 0% (-6%)  |
| A9   | A415 Marcham Road between the A34 and Nuffield Way (Abingdon)                     | 5 (0%)                                                                               | 0 (0%) | 0% (0%)  | 5 (0%)                | 0 (0%) | 0% (0%)  | 18 (1%)                | 0 (0%) | 0% (-1%)  |
| A10  | A4183 Oxford Road between the A34 and Dunmore Road roundabout (Abingdon)          | 0 (0%)                                                                               | 0 (0%) | 0% (0%)  | 0 (0%)                | 0 (0%) | 0% (0%)  | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| A11  | A415 between the River Thames and The Burycroft (Culham)                          | 2 (0%)                                                                               | 0 (0%) | 0% (0%)  | 2 (0%)                | 0 (0%) | 0% (0%)  | 7 (1%)                 | 0 (0%) | 0% (-1%)  |
| A12  | B4017 Abingdon Road between Drayton and Abingdon                                  | 1 (0%)                                                                               | 0 (0%) | 0% (0%)  | 1 (0%)                | 0 (0%) | 0% (0%)  | 4 (0%)                 | 0 (0%) | 0% (0%)   |
| A13  | B4016 Drayton Road between Drayton and Sutton Courtenay                           | 0 (0%)                                                                               | 0 (0%) | 0% (0%)  | 0 (0%)                | 0 (0%) | 0% (0%)  | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| A14  | B4017 High Street between Steventon and Drayton                                   | 1 (0%)                                                                               | 0 (0%) | 0% (0%)  | 1 (0%)                | 0 (0%) | 0% (0%)  | 4 (1%)                 | 0 (0%) | 0% (-1%)  |
| A15  | B4017 High Street between Steventon and A4130                                     | 18 (2%)                                                                              | 0 (0%) | 0% (-2%) | 37 (4%)               | 0 (0%) | 0% (-4%) | 119 (14%)              | 0 (0%) | 0% (-12%) |
| A16  | A4130 between the A34 and Milton interchange                                      | 5 (0%)                                                                               | 0 (0%) | 0% (0%)  | 5 (0%)                | 0 (0%) | 0% (0%)  | 18 (1%)                | 0 (0%) | 0% (-1%)  |
| A17  | A4130 Abingdon Road between Milton Hill and Grove Road (Rowstock)                 | 0 (0%)                                                                               | 0 (0%) | 0% (0%)  | 0 (0%)                | 0 (0%) | 0% (0%)  | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| A18  | A417 Reading Road between Harwell and Harwell Link Road roundabout                | 0 (0%)                                                                               | 0 (0%) | 0% (0%)  | 0 (0%)                | 0 (0%) | 0% (0%)  | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| A19  | A4185 Newbury Road south of Rowstock                                              | 0 (0%)                                                                               | 0 (0%) | 0% (0%)  | 0 (0%)                | 0 (0%) | 0% (0%)  | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| A20  | A417 Reading Road between Rowstock and Wantage                                    | 0 (0%)                                                                               | 0 (0%) | 0% (0%)  | 0 (0%)                | 0 (0%) | 0% (0%)  | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| A21  | B4494 Chain Hill between Wantage and Farnborough                                  | 1 (0%)                                                                               | 0 (0%) | 0% (0%)  | 1 (0%)                | 0 (0%) | 0% (0%)  | 2 (1%)                 | 0 (0%) | 0% (-1%)  |
| A22  | A338 Manor Road south of Wantage                                                  | 0 (0%)                                                                               | 0 (0%) | 0% (0%)  | 0 (0%)                | 0 (0%) | 0% (0%)  | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| A23  | B4507 Ickleton Road between Wantage and Letcombe Hill (East Challow)              | 1 (0%)                                                                               | 0 (0%) | 0% (0%)  | 2 (0%)                | 0 (0%) | 0% (0%)  | 6 (2%)                 | 0 (0%) | 0% (-2%)  |
| A24  | A417 Faringdon Road between East Challow and Circourt Road                        | 0 (0%)                                                                               | 0 (0%) | 0% (0%)  | 0 (0%)                | 0 (0%) | 0% (0%)  | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| A25a | A338 between Grove and Old Man's Lane                                             | 4 (0%)                                                                               | 0 (0%) | 0% (0%)  | 4 (0%)                | 0 (0%) | 0% (0%)  | 13 (1%)                | 0 (0%) | 0% (-1%)  |
| A25b | A338 between Old Man's Lane and East Hanney                                       | 4 (0%)                                                                               | 0 (0%) | 0% (0%)  | 4 (0%)                | 0 (0%) | 0% (0%)  | 13 (1%)                | 0 (0%) | 0% (-1%)  |

| ID   | Link name                                                                                  | 2036 construction: net change as the result of SESRO (percentage change in brackets) |         |          |                       |           |           |                        |        |           |
|------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------|----------|-----------------------|-----------|-----------|------------------------|--------|-----------|
|      |                                                                                            | AM Peak (07:30-08:30)                                                                |         |          | PM Peak (16:15-17:15) |           |           | Saturday (11.30-12.30) |        |           |
|      |                                                                                            | All                                                                                  | HGV     | % HGV    | All                   | HGV       | % HGV     | All                    | HGV    | % HGV     |
| A26a | Steventon Road at the A338 (East Hanney)                                                   | 4 (1%)                                                                               | 0 (0%)  | 0% (-1%) | 6 (1%)                | 0 (0%)    | 0% (-1%)  | 18 (4%)                | 0 (0%) | 0% (-4%)  |
| A26b | Hanney Road at Steventon                                                                   | 19 (3%)                                                                              | 0 (0%)  | 0% (-3%) | 38 (8%)               | 0 (0%)    | 0% (-7%)  | 123 (28%)              | 0 (0%) | 0% (-22%) |
| A27  | A34 north of A415 Marcham Interchange                                                      | 42 (1%)                                                                              | 0 (0%)  | 0% (-1%) | 82 (2%)               | 2 (0%)    | 0% (-1%)  | 264 (5%)               | 0 (0%) | -1% (-5%) |
| A28  | A34 between A415 Marcham Interchange and A4130 Milton Interchange                          | 48 (1%)                                                                              | 0 (0%)  | 0% (-1%) | 100 (1%)              | 0 (0%)    | 0% (-1%)  | 316 (6%)               | 0 (0%) | 0% (-5%)  |
| A29  | A34 south of A4130 Milton Interchange                                                      | 44 (1%)                                                                              | 0 (0%)  | 0% (-1%) | 100 (2%)              | 0 (0%)    | 0% (-2%)  | 311 (8%)               | 0 (0%) | 0% (-7%)  |
| A30  | A415 Frilford Road between A338 and Marcham                                                | 15 (1%)                                                                              | 0 (0%)  | 0% (-1%) | 25 (2%)               | 0 (0%)    | 0% (-2%)  | 83 (7%)                | 0 (0%) | 0% (-6%)  |
| A31  | A415 Marcham Road, between Marcham and Faringdon Road                                      | 77 (7%)                                                                              | 0 (0%)  | 0% (-6%) | 154 (10%)             | 2 (11%)   | 0% (1%)   | 492 (36%)              | 0 (0%) | 0% (-26%) |
| A32  | A415 Marcham Road between Faringdon Road and the A34                                       | 77 (4%)                                                                              | 0 (0%)  | 0% (-4%) | 154 (7%)              | 2 (7%)    | 0% (0%)   | 492 (24%)              | 0 (0%) | 0% (-19%) |
| A33  | A415 Marcham Road between Nuffield Road and Colwell Drive (Abingdon)                       | 5 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 5 (0%)                | 0 (0%)    | 0% (0%)   | 18 (1%)                | 0 (0%) | 0% (-1%)  |
| A34  | Ock Street between Spring Road and Stratton Way (Abingdon)                                 | 6 (1%)                                                                               | 0 (0%)  | 0% (0%)  | 6 (0%)                | 0 (0%)    | 0% (0%)   | 22 (2%)                | 0 (0%) | 0% (-2%)  |
| A35  | A417 Denchworth Road between Mably Way and Mill Street (Wantage)                           | 1 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 1 (0%)                | 0 (0%)    | 0% (0%)   | 5 (1%)                 | 0 (0%) | 0% (-1%)  |
| A36  | A417 Mably Way between A338 and Denchworth Road (Wantage)                                  | 1 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 1 (0%)                | 0 (0%)    | 0% (0%)   | 5 (0%)                 | 0 (0%) | 0% (-1%)  |
| A37  | A338 Grove Road between A417 and Harcourt Way (Wantage)                                    | 2 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 2 (0%)                | 0 (0%)    | 0% (0%)   | 8 (1%)                 | 0 (0%) | 0% (0%)   |
| A38  | Harcourt Road between A338 and Charlton Village Road (Wantage)                             | 0 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| A39  | Charlton Road between Garston Lane and Charlton Village Road (Charlton)                    | 0 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| A40  | Wallingford Street between B4507 and Seesen Way (Wantage)                                  | 2 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 2 (0%)                | 0 (0%)    | 0% (0%)   | 8 (1%)                 | 0 (0%) | 0% (-1%)  |
| A41  | Wallingford Street between Partridge Close and Seesen Way (Wantage)                        | 0 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| A42  | Seesen Way between Little Lane and Wallingford Street (Wantage)                            | 2 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 2 (0%)                | 0 (0%)    | 0% (0%)   | 8 (1%)                 | 0 (0%) | 0% (-1%)  |
| A43  | B4507 Ormond Road between Charlton Road and Chain Hill (Wantage)                           | 2 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 2 (0%)                | 0 (0%)    | 0% (0%)   | 8 (1%)                 | 0 (0%) | 0% (-1%)  |
| A44  | B4507 Ickleton Road between A338 Newbury Street and Ham Road (Wantage)                     | 0 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| A45  | Ham Road between B4507 and A417 (Wantage)                                                  | 1 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 1 (0%)                | 0 (0%)    | 0% (0%)   | 5 (1%)                 | 0 (0%) | 0% (-1%)  |
| A46  | Faringdon Road between A415 Marcham Road and Gozzard's Ford                                | 0 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| A47  | A338 between Steventon Road and new proposed roundabout location                           | -83 (-7%)                                                                            | 5 (16%) | 1% (23%) | -200 (-17%)           | -3 (-24%) | 0% (-13%) | -175 (-14%)            | 0 (0%) | 0% (16%)  |
| Z1   | A415 main operational site access and construction compound A1 between the A34 and Marcham | 93 (0%)                                                                              | 0 (0%)  | 0% (0%)  | 180 (0%)              | 2 (0%)    | 0% (0%)   | 575 (0%)               | 0 (0%) | 0% (0%)   |
| Z2   | A338 south of East Hanney, construction compound A2-A3                                     | 0 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| Z3   | A338 north of East Hanney, construction compound A4                                        | 0 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| Z4   | Hanney Road construction compound A5                                                       | 0 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| Z5   | B4017 construction compound A6                                                             | 0 (0%)                                                                               | 0 (0%)  | 0% (0%)  | 0 (0%)                | 0 (0%)    | 0% (0%)   | 0 (0%)                 | 0 (0%) | 0% (0%)   |
| Z6   | Steventon to East Hanney Road southern operational site access                             | 23 (0%)                                                                              | 0 (0%)  | 0% (0%)  | 44 (0%)               | 0 (0%)    | 0% (0%)   | 141 (0%)               | 0 (0%) | 0% (0%)   |





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