

Horsell Common Transport Data:

PEAK HOUR FLOWS PROVIDED BY WBC

| linknr  | direction | Road No. | Link Name   | Link Type              | 2005 Total |            | 2026 Do-Min |            | 2026 Scen D |      | 2005 HGV |          | 2026 Do-Min |          | 2026 Scen D |                 | 2026 Do-Min     |                 | 2026 Scen D     |  |
|---------|-----------|----------|-------------|------------------------|------------|------------|-------------|------------|-------------|------|----------|----------|-------------|----------|-------------|-----------------|-----------------|-----------------|-----------------|--|
|         |           |          |             |                        | Flow       | Total Flow | Flow        | Total Flow | Total Flow  | Flow | Flow     | HGV Flow | HGV Flow    | HGV Flow | HGV Flow    | Avg Speed (Kph) | Avg Speed (Kph) | Avg Speed (Kph) | Avg Speed (Kph) |  |
| A245    |           |          |             |                        |            |            |             |            |             |      |          |          |             |          |             |                 |                 |                 |                 |  |
| 16728   | 1         | a245     | Shores Lane | P'pal, single 2ln, 7.: | 371        | 346        | 376         | 376        | 23          | 22   | 22       | 24       | 24          | 72.1     | 71.6        | 71.6            |                 |                 |                 |  |
| 16728   | 2         | a245     | Shores Lane | P'pal, single 2ln, 7.: | 1098       | 1112       | 1168        | 1168       | 41          | 41   | 41       | 39       | 39          | 50.9     | 47.1        | 47.1            |                 |                 |                 |  |
| TWO WAY |           |          |             |                        | 1469       | 1458       | 1544        | 1544       | 64          | 63   | 62       | 62       | 62          | 59       | 59          |                 |                 |                 |                 |  |
|         |           |          |             |                        |            |            |             | PERCENT    | 4           | 4    | 4        | 4        | 4           | 4        | 4           | 4               | 4               | 4               | 4               |  |

AA DT FLOWS OBTAINED FROM DfT (2009)

All\_MV  
15956

FACTOR FOR SCREENING PURPOSES (USING 2005 AND 2026 DATA FOR SENSITIVITY)

2005 2026 Do min  
10.9 10.9

AA DT DERIVED FROM WBC DATA

2026 Do min 2026 Scen D  
15842 16771

|         |        |               |                        |      |      |      |             |     |     |      |
|---------|--------|---------------|------------------------|------|------|------|-------------|-----|-----|------|
| A320    |        |               |                        |      |      |      |             |     |     |      |
| 10365   | 1 a320 | Chertsey Road | P'pal, single 2ln, 7.; | 577  | 643  | 899  | 23          | 26  | 30  | 62.8 |
| 10365   | 2 a320 | Chertsey Road | P'pal, single 2ln, 7.; | 745  | 958  | 1185 | 41          | 51  | 55  | 46.0 |
| TWO WAY |        |               |                        | 1322 | 1601 | 2084 | 64          | 77  | 84  | 54   |
|         |        |               |                        |      |      |      | PERCENT.    |     |     |      |
| 15364   | 1 a320 | Chertsey Road | P'pal, single 2ln, 7.; | 1001 | 954  | 1232 | 43          | 45  | 47  | 59.7 |
| 15364   | 2 a320 | Chertsey Road | P'pal, single 2ln, 7.; | 1212 | 1234 | 1375 | 66          | 65  | 67  | 58.5 |
| TWO WAY |        |               |                        | 2213 | 2188 | 2607 | 109         | 111 | 114 | 59   |
|         |        |               |                        |      |      |      | PERCENT.    |     |     |      |
|         |        |               |                        |      |      |      | 4 AVE SPEED |     |     |      |

AADT FLOWS OBTAINED FROM DfT (2009)

AIL\_MV  
 16580

FACTOR FOR SCREENING PURPOSES (USING 2005 AND 2026 DATA FOR SENSITIVITY)

2005 2026 Dc min  
 12.5 10.4

AADT DERIVED FROM WBC DATA

| 2026 Do min | 2026 Scen D | 2005 factr | 2026 Factor |
|-------------|-------------|------------|-------------|
| ###         | 27440       | 32703      | 5263        |
| ###         | 22655       | 27001      | 4345        |

ASSUMPTIONS/QUERIES

Use factor derived from 2005 is a) same for 2005/2026 for A245 b) worst case c) of the order seen in other studies  
 Road chosen has been confirmed with SCC via MH 110407  
 Confirmed with MH 110407 that the WBC data are peak flows (8-9 AM)

Melanie Haywood of Woking Borough Council contacted SCC on 31/03/11 to request information from the County Model used for Wokings Transport Assessment.

|                                                                                                                                     |                                  |
|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| The following data was requested for every modelled link in Woking, and for every scenario tested in Woking's transport assessment: | Total Flow (Car, LGV and HGV)    |
|                                                                                                                                     | HGV Flow                         |
|                                                                                                                                     | Link Capacity                    |
|                                                                                                                                     | Average Speed (Car, LGV and HGV) |

The model used to extract this data was SINTRAM33\_110331Wok. This was a copy of SINTRAM33\_101014Wok but contains new report designer that was used.

SINTRAM33\_110331Wok is saved in S:\Project-current\3380\projects\Woking\Melanies Request 110331

The name of the report designer used to extract the data was "Melanies Request 110331"

The data was extracted for the following link selection "Woking - Links"

The data was extracted for the following variants and matrices:

|                            |                     |
|----------------------------|---------------------|
| 2005AM_LDF (Woking edited) | 2005_Wok            |
| 2026 Do-Minimum            | 2026_Wok Do-Minimum |
| 2026 Scenario A            | 2026_Wok_ScenarioA  |
| 2026 Scenario B            | 2026_Wok_ScenarioB  |
| 2026 Scenario C            | 2026_Wok_ScenarioC  |
| 2026 Scenario D            | 2026_Wok_ScenarioD  |

The total flows represent flows for all vehicle types (Cars + LGVs + HGVs)

HGV flows only represents HGV flows

Average speeds represent the average speed for all vehicle types (Cars + LGVs + HGVs) and is for Kph

Link capacity represents vehicles per hour