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## APPENDIX 10C – OPERATIONAL ROAD TRAFFIC FLOWS

**Table 10C.1 – M62 On and Off Flows (Used in all Scenarios)**

| RECEPTOR                   | TOTAL VEHICLE FLOWS | TOTAL HGV | HGV % | AVERAGE SPEED (KPH) |
|----------------------------|---------------------|-----------|-------|---------------------|
| M62 (West of Junction 34)  | 66785               | 15756     | 24    | 97                  |
| M62 (East of Junction 34)  | 55352               | 12253     | 22    | 97                  |
| Westbound Off-Slip         | 2179                | 369       | 17    | 97                  |
| Eastbound On-Slip          | 2173                | 413       | 19    | 97                  |
| Westbound On-Slip          | 7212                | 1038      | 14    | 97                  |
| Eastbound Off-Slip         | 7042                | 1116      | 16    | 97                  |
| M62 Junction 34 Roundabout | 21549               | 2801      | 13    | 64                  |

**Table 10C.2 – Base 2020**

| RECEPTOR                       | TOTAL VEHICLE FLOWS | TOTAL HGV | HGV % | AVERAGE SPEED (KPH) |
|--------------------------------|---------------------|-----------|-------|---------------------|
| Whitefield Lane                | 824                 | 33        | 4     | 50                  |
| A19 (North of Whitefield Lane) | 8104                | 339       | 4     | 50                  |
| A19 (South of Whitefield Lane) | 7726                | 281       | 4     | 51                  |

**Table 10C.3 – Base 2020 + 400k tpa Development**

| RECEPTOR                       | TOTAL VEHICLE FLOWS | TOTAL HGV | HGV % | AVERAGE SPEED (KPH) |
|--------------------------------|---------------------|-----------|-------|---------------------|
| Whitefield Lane                | 996                 | 139       | 14    | 50                  |
| A19 (North of Whitefield Lane) | 8256                | 445       | 5     | 50                  |
| A19 (South of Whitefield Lane) | 7747                | 281       | 4     | 51                  |

**Table 10C.4 – Base 2020 + 410k tpa Development**

| RECEPTOR                       | TOTAL VEHICLE FLOWS | TOTAL HGV | HGV % | AVERAGE SPEED (KPH) |
|--------------------------------|---------------------|-----------|-------|---------------------|
| Whitefield Lane                | 1000                | 143       | 14    | 50                  |
| A19 (North of Whitefield Lane) | 8260                | 449       | 5     | 50                  |
| A19 (South of Whitefield Lane) | 7747                | 281       | 4     | 51                  |

**Table 10C.5 – Base 2020 + 420k tpa Development**

| RECEPTOR                       | TOTAL VEHICLE FLOWS | TOTAL HGV | HGV % | AVERAGE SPEED (KPH) |
|--------------------------------|---------------------|-----------|-------|---------------------|
| Whitefield Lane                | 1002                | 145       | 14    | 50                  |
| A19 (North of Whitefield Lane) | 8264                | 453       | 5     | 50                  |
| A19 (South of Whitefield Lane) | 7747                | 281       | 4     | 51                  |

**Table 10C.6 – Base 2020 + 430k tpa Development**

| RECEPTOR                       | TOTAL VEHICLE FLOWS | TOTAL HGV | HGV % | AVERAGE SPEED (KPH) |
|--------------------------------|---------------------|-----------|-------|---------------------|
| Whitefield Lane                | 1004                | 147       | 15    | 50                  |
| A19 (North of Whitefield Lane) | 8264                | 453       | 5     | 50                  |
| A19 (South of Whitefield Lane) | 7747                | 281       | 4     | 51                  |

**Table 10C.7 – Base 2020 + 1,000k tpa Development**

| RECEPTOR                       | TOTAL VEHICLE FLOWS | TOTAL HGV | HGV % | AVERAGE SPEED (KPH) |
|--------------------------------|---------------------|-----------|-------|---------------------|
| Whitefield Lane                | 1156                | 299       | 26    | 50                  |
| A19 (North of Whitefield Lane) | 8416                | 605       | 7     | 50                  |
| A19 (South of Whitefield Lane) | 7747                | 281       | 4     | 51                  |