| LANE | VN | NVN | LVN | VC | MODE | VP | DIST | H | VS | ACT | TT | AFC | NIP | SP | EL | IN | DT | NNVN | FVH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 2 | 4 | 1 | 1.14 | 0.0 | 100.00 | 56.40 | 0.0 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 1 | 0 | 2 | 6 | 1 | 0.79 | 0.0 | 100.00 | 44.99 | 0.0 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 2 | 1 | 3 | 2 | 1 | 0.91 | 0.0 | 2.86 | 50.12 | 4.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 3 | 2 | 4 | 1 | 1 | 1.18 | 0.0 | 7.89 | 70.44 | 12.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 4 | 3 | 5 | 1 | 1 | 0.90 | 0.0 | 1.75 | 53.72 | 14.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 5 | 4 | 6 | 4 | 1 | 1.24 | 0.0 | 0.83 | 60.80 | 15.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 2 | 1 | 3 | 4 | 1 | 0.88 | 0.0 | 14.10 | 43.31 | 15.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 3 | 2 | 4 | 4 | 1 | 0.98 | 0.0 | 11.29 | 48.56 | 27.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 6 | 5 | 7 | 4 | 1 | 0.86 | 0.0 | 15.06 | 41.92 | 31.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 7 | 6 | 8 | 2 | 1 | 1.04 | 0.0 | 1.31 | 57.39 | 33.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 8 | 7 | 9 | 4 | 1 | 1.13 | 0.0 | 12.87 | 55.06 | 46.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 9 | 8 | 10 | 2 | 1 | 0.94 | 0.0 | 14.12 | 51.97 | 61.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 4 | 3 | 5 | 2 | 1 | 0.95 | 0.0 | 36.20 | 65.86 | 64.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 10 | 9 | 11 | 1 | 1 | 1.16 | 0.0 | 3.88 | 68.86 | 65.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 5 | 4 | 6 | 4 | 1 | 1.46 | 0.0 | 19.80 | 71.97 | 84.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 6 | 5 | 7 | 4 | 1 | 0.98 | 0.0 | 2.97 | 48.30 | 87.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 7 | 6 | 8 | 4 | 1 | 0.90 | 0.0 | 1.21 | 44.39 | 89.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 11 | 10 | 12 | 6 | 1 | 0.92 | 0.0 | 33.76 | 52.10 | 99.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 12 | 11 | 13 | 1 | 1 | 0.99 | 0.0 | 2.68 | 59.07 | 102.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 8 | 7 | 9 | 4 | 1 | 1.26 | 0.0 | 19.27 | 61.88 | 109.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 13 | 12 | 14 | 2 | 1 | 0.89 | 0.0 | 31.80 | 49.09 | 134.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 14 | 13 | 15 | 2 | 1 | 0.91 | 0.0 | 2.90 | 50.19 | 137.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 15 | 14 | 16 | 2 | 1 | 1.10 | 0.0 | 22.89 | 60.23 | 160.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 9 | 8 | 10 | 6 | 1 | 1.05 | 0.0 | 50.05 | 50.24 | 160.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 16 | 15 | 17 | 5 | 1 | 0.93 | 0.0 | 0.83 | 49.85 | 161.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 17 | 16 | 18 | 4 | 1 | 1.20 | 0.0 | 2.29 | 58.54 | 164.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 18 | 17 | 19 | 5 | 1 | 1.40 | 0.0 | 3.08 | 75.25 | 168.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 19 | 18 | 20 | 4 | 1 | 0.79 | 0.0 | 2.03 | 38.60 | 171.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 11 | 0 | 12 | 6 | 1 | 0.92 | 1.513 | 38.87 | 78.61 | 180.00 | 81.00 | 999.00 | 1 | 1 | 12.0 | 0 | 0.022 | 0 | 10.11 |
| 0 | 12 | 11 | 13 | 1 | 6 | 0.99 | 1.485 | 1.28 | 78.61 | 180.00 | 78.00 | 999.00 | 1 | 1 | 12.0 | 0 | 0.022 | 0 | 38.87 |
| 0 | 13 | 12 | 14 | 2 | 1 | 0.89 | 0.758 | 36.87 | 70.95 | 180.00 | 46.00 | 999.00 | 1 | 1 | 0.0 | 0 | 0.020 | 11 | 38.87 |
| 0 | 14 | 13 | 15 | 2 | 5 | 0.91 | 0.722 | 2.82 | 72.41 | 180.00 | 43.00 | 999.00 | 1 | 1 | 0.5 | 0 | 0.020 | 12 | 36.87 |
| 0 | 15 | 14 | 16 | 2 | 1 | 1.10 | 0.355 | 16.85 | 69.69 | 180.00 | 20.00 | 0.04 | 1 | 1 | 0.5 | 0 | 0.019 | 13 | 36.87 |
| 0 | 16 | 15 | 17 | 5 | 1 | 0.93 | 0.266 | 5.98 | 51.85 | 180.00 | 19.00 | 0.07 | 1 | 1 | 0.5 | 0 | 0.014 | 14 | 36.87 |
| 0 | 17 | 16 | 18 | 4 | 6 | 1.20 | 0.248 | 1.26 | 51.68 | 180.00 | 16.00 | 0.17 | 1 | 1 | 6.0 | 0 | 0.014 | 15 | 5.98 |
| 0 | 18 | 17 | 19 | 5 | 6 | 1.40 | 0.231 | 1.16 | 51.51 | 180.00 | 12.00 | 0.07 | 2 | 1 | 4.5 | 0 | 0.014 | 16 | 5.98 |
| 0 | 19 | 18 | 20 | 4 | 1 | 0.79 | 0.097 | 12.01 | 39.36 | 180.00 | 9.00 | 0.06 | 1 | 1 | 6.0 | 0 | 0.011 | 17 | 5.98 |
| 1 | 6 | 0 | 7 | 4 | 1 | 0.98 | 1.296 | 43.98 | 49.28 | 180.00 | 93.00 | 999.03 | 1 | 1 | 4.5 | 0 | 0.014 | 0 | 5.98 |
| 1 | 7 | 6 | 8 | 4 | 1 | 0.90 | 1.168 | 10.20 | 45.26 | 180.00 | 91.00 | 999.03 | 1 | 1 | 4.5 | 0 | 0.013 | 0 | 5.98 |
| 1 | 8 | 7 | 9 | 4 | 6 | 1.26 | 1.152 | 1.26 | 45.25 | 180.00 | 71.00 | 999.03 | 1 | 1 | 4.5 | 0 | 0.013 | 6 | 10.20 |
| 1 | 9 | 8 | 10 | 6 | 1 | 1.05 | 0.282 | 77.79 | 51.23 | 181.00 | 20.00 | 0.26 | 1 | 1 | 4.5 | 0 | 0.014 | 7 | 10.20 |
| 0 | 11 | 0 | 12 | 6 | 1 | 0.92 | 1.535 | 38.87 | 78.61 | 181.00 | 82.00 | 999.00 | 1 | 1 | 12.0 | 0 | 0.022 | 0 | 10.20 |
| 0 | 12 | 11 | 13 | 1 | 6 | 0.99 | 1.507 | 1.28 | 78.61 | 181.00 | 79.00 | 999.00 | 1 | 1 | 12.0 | 0 | 0.022 | 0 | 38.87 |
| 0 | 13 | 12 | 14 | 2 | 1 | 0.89 | 0.778 | 36.98 | 70.95 | 181.00 | 47.00 | 999.00 | 1 | 1 | 0.0 | 0 | 0.020 | 11 | 38.87 |
| 0 | 14 | 13 | 15 | 2 | 5 | 0.91 | 0.742 | 2.80 | 72.41 | 181.00 | 44.00 | 999.00 | 1 | 1 | 0.5 | 0 | 0.020 | 12 | 36.98 |
| 0 | 15 | 14 | 16 | 2 | 1 | 1.10 | 0.374 | 16.74 | 70.93 | 181.00 | 21.00 | 0.04 | 1 | 1 | 0.5 | 0 | 0.020 | 13 | 36.98 |
| 0 | 16 | 15 | 17 | 5 | 1 | 0.93 | 0.281 | 6.26 | 52.02 | 181.00 | 20.00 | 0.07 | 1 | 1 | 0.5 | 0 | 0.014 | 14 | 36.98 |
| 0 | 17 | 16 | 18 | 4 | 6 | 1.20 | 0.262 | 1.26 | 51.85 | 181.00 | 17.00 | 0.17 | 1 | 1 | 6.0 | 0 | 0.014 | 15 | 6.26 |
| 0 | 18 | 17 | 19 | 5 | 6 | 1.40 | 0.246 | 1.16 | 51.68 | 181.00 | 13.00 | 0.07 | 2 | 1 | 4.5 | 0 | 0.014 | 16 | 6.26 |
| 0 | 19 | 18 | 20 | 4 | 1 | 0.79 | 0.108 | 12.27 | 39.48 | 181.00 | 10.00 | 0.06 | 1 | 1 | 6.0 | 0 | 0.011 | 17 | 6.26 |
| 1 | 6 | 0 | 7 | 4 | 1 | 0.98 | 1.310 | 43.98 | 49.26 | 181.00 | 94.00 | 999.03 | 1 | 1 | 4.5 | 0 | 0.014 | 0 | 6.26 |
| 1 | 7 | 6 | 8 | 4 | 1 | 0.90 | 1.181 | 10.29 | 45.28 | 181.00 | 92.00 | 999.03 | 1 | 1 | 4.5 | 0 | 0.013 | 0 | 6.26 |
| 1 | 8 | 7 | 9 | 4 | 6 | 1.26 | 1.165 | 1.26 | 45.26 | | 72.00 | 999.03 | 1 | 1 | 4.5 | 0 | 0.013 | 6 | 10.29 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 15 | 14 | 16 | 2 | 1 | 1.10 | 0.394 | 16.62 | 72.20 | 182.00 | 22.00 | 0.04 | 1 | 1 | 0.5 | 0 | 0.020 | 13 | 37.09 |
| 0 | 16 | 15 | 17 | 5 | 1 | 0.93 | 0.295 | 6.55 | 52.20 | 182.00 | 21.00 | 0.07 | 1 | 1 | 0.5 | 0 | 0.014 | 14 | 37.09 |
| 0 | 17 | 16 | 18 | 4 | 6 | 1.20 | 0.277 | 1.26 | 52.02 | 182.00 | 18.00 | 0.17 | 1 | 1 | 6.0 | 0 | 0.014 | 15 | 6.55 |
| 0 | 18 | 17 | 19 | 5 | 6 | 1.40 | 0.260 | 1.16 | 51.85 | 182.00 | 14.00 | 0.07 | 2 | 1 | 4.5 | 0 | 0.014 | 16 | 6.55 |
| 0 | 19 | 18 | 20 | 4 | 1 | 0.79 | 0.119 | 12.53 | 39.62 | 182.00 | 11.00 | 0.07 | 1 | 1 | 6.0 | 0 | 0.011 | 17 | 6.55 |
| 0 | 20 | 19 | 21 | 6 | 1 | 0.75 | 0.0 | 10.38 | 42.52 | 182.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 6 | 0 | 7 | 4 | 1 | 0.98 | 1.324 | 43.96 | 49.22 | 182.00 | 95.00 | 999.03 | 1 | 1 | 4.5 | 0 | 0.014 | 0 | 6.55 |
| 1 | 7 | 6 | 8 | 4 | 1 | 0.90 | 1.193 | 10.38 | 45.29 | 182.00 | 93.00 | 999.03 | 1 | 1 | 4.5 | 0 | 0.013 | 0 | 6.55 |
| 1 | 8 | 7 | 9 | 4 | 6 | 1.26 | 1.177 | 1.26 | 45.28 | 182.00 | 73.00 | 999.03 | 1 | 1 | 4.5 | 0 | 0.013 | 6 | 10.38 |
| 1 | 9 | 8 | 10 | 6 | 1 | 1.05 | 0.311 | 77.55 | 51.18 | 182.00 | 22.00 | 0.30 | 1 | 1 | 4.5 | 0 | 0.014 | 7 | 10.38 |
| 0 | 11 | 0 | 12 | 6 | 1 | 0.92 | 1.578 | 38.87 | 78.61 | 183.00 | 84.00 | 999.00 | 1 | 1 | 12.0 | 0 | 0.022 | 0 | 10.38 |
| 0 | 12 | 11 | 13 | 1 | 6 | 0.99 | 1.551 | 1.28 | 78.61 | 183.00 | 81.00 | 999.00 | 1 | 1 | 12.0 | 0 | 0.022 | 0 | 38.87 |
| 0 | 13 | 12 | 14 | 2 | 1 | 0.89 | 0.817 | 37.20 | 70.95 | 183.00 | 49.00 | 999.00 | 1 | 1 | 0.0 | 0 | 0.020 | 11 | 38.87 |
| 0 | 14 | 13 | 15 | 2 | 5 | 0.91 | 0.782 | 2.76 | 72.41 | 183.00 | 46.00 | 999.00 | 1 | 1 | 0.5 | 0 | 0.020 | 12 | 37.20 |
| 0 | 15 | 14 | 16 | 2 | 1 | 1.10 | 0.415 | 16.33 | 74.83 | 183.00 | 23.00 | 0.04 | 1 | 1 | 0.5 | 0 | 0.020 | 13 | 37.20 |
| 0 | 16 | 15 | 17 | 5 | 1 | 0.93 | 0.310 | 6.80 | 52.74 | 183.00 | 22.00 | 0.07 | 1 | 1 | 0.5 | 0 | 0.015 | 14 | 37.20 |
| 0 | 17 | 16 | 18 | 4 | 6 | 1.20 | 0.291 | 1.25 | 52.20 | 183.00 | 19.00 | 0.18 | 1 | 1 | 6.0 | 0 | 0.015 | 15 | 6.80 |
| 0 | 18 | 17 | 19 | 5 | 6 | 1.40 | 0.275 | 1.16 | 52.02 | 183.00 | 15.00 | 0.07 | 2 | 1 | 4.5 | 0 | 0.014 | 16 | 6.80 |
| 0 | 19 | 18 | 20 | 4 | 1 | 0.79 | 0.130 | 12.79 | 39.75 | 183.00 | 12.00 | 0.07 | 1 | 1 | 6.0 | 0 | 0.011 | 17 | 6.80 |
| 0 | 20 | 19 | 21 | 6 | 1 | 0.75 | 0.012 | 10.13 | 42.44 | 183.00 | 1.00 | 0.02 | 1 | 1 | 4.5 | 0 | 0.012 | 18 | 6.80 |
| 1 | 6 | 0 | 7 | 4 | 1 | 0.98 | 1.337 | 43.98 | 49.18 | 183.00 | 96.00 | 999.03 | 1 | 1 | 12.0 | 0 | 0.014 | 0 | 6.80 |
| 1 | 7 | 6 | 8 | 4 | 1 | 0.90 | 1.206 | 10.47 | 45.29 | 183.00 | 94.00 | 999.03 | 1 | 1 | 4.5 | 0 | 0.013 | 0 | 6.80 |
| 1 | 8 | 7 | 9 | 4 | 6 | 1.26 | 1.190 | 1.26 | 45.29 | 183.00 | 74.00 | 999.03 | 1 | 1 | 4.5 | 0 | 0.013 | 6 | 10.47 |
| 1 | 9 | 8 | 10 | 6 | 1 | 1.05 | 0.325 | 77.55 | 51.03 | 183.00 | 23.00 | 0.32 | 1 | 1 | 4.5 | 0 | 0.014 | 7 | 10.47 |
| 0 | 11 | 0 | 12 | 6 | 1 | 0.92 | 1.600 | 38.87 | 78.61 | 184.00 | 85.00 | 999.00 | 1 | 1 | 12.0 | 0 | 0.022 | 0 | 10.47 |
| 0 | 12 | 11 | 13 | 1 | 6 | 0.99 | 1.572 | 1.28 | 78.61 | 184.00 | 82.00 | 999.00 | 1 | 1 | 12.0 | 0 | 0.022 | 0 | 38.87 |
| 0 | 13 | 12 | 14 | 2 | 1 | 0.89 | 0.837 | 37.30 | 70.95 | 184.00 | 50.00 | 999.00 | 1 | 1 | 0.0 | 0 | 0.020 | 11 | 38.87 |
| 0 | 14 | 13 | 15 | 2 | 5 | 0.91 | 0.802 | 2.74 | 72.41 | 184.00 | 47.00 | 999.00 | 1 | 1 | 0.5 | 0 | 0.020 | 12 | 37.30 |
| 0 | 15 | 14 | 16 | 2 | 1 | 1.10 | 0.436 | 15.98 | 77.90 | 184.00 | 24.00 | 0.04 | 1 | 1 | 0.5 | 0 | 0.021 | 13 | 37.30 |
| 0 | 16 | 15 | 17 | 5 | 1 | 0.93 | 0.324 | 7.05 | 53.46 | 184.00 | 23.00 | 0.08 | 1 | 1 | 0.5 | 0 | 0.015 | 14 | 37.30 |
| 0 | 17 | 16 | 18 | 4 | 6 | 1.20 | 0.306 | 1.24 | 52.74 | 184.00 | 20.00 | 0.18 | 1 | 1 | 6.0 | 0 | 0.015 | 15 | 7.05 |
| 0 | 18 | 17 | 19 | 5 | 6 | 1.40 | 0.289 | 1.15 | 52.20 | 184.00 | 16.00 | 0.07 | 2 | 1 | 4.5 | 0 | 0.015 | 16 | 7.05 |
| 0 | 19 | 18 | 20 | 4 | 1 | 0.79 | 0.141 | 13.06 | 39.88 | 184.00 | 13.00 | 0.08 | 1 | 1 | 6.0 | 0 | 0.011 | 17 | 7.05 |
| 0 | 20 | 19 | 21 | 6 | 1 | 0.75 | 0.024 | 10.07 | 42.36 | 184.00 | 2.00 | 0.04 | 1 | 1 | 4.5 | 0 | 0.012 | 18 | 7.05 |
| 1 | 6 | 0 | 7 | 4 | 1 | 0.98 | 1.351 | 43.98 | 49.14 | 184.00 | 97.00 | 999.03 | 1 | 1 | 12.0 | 0 | 0.014 | 0 | 7.05 |
| 1 | 7 | 6 | 8 | 4 | 1 | 0.90 | 1.218 | 10.56 | 45.29 | 184.00 | 95.00 | 999.03 | 1 | 1 | 4.5 | 0 | 0.013 | 0 | 7.05 |
| 1 | 8 | 7 | 9 | 4 | 6 | 1.26 | 1.203 | 1.26 | 45.29 | 184.00 | 75.00 | 999.03 | 1 | 1 | 4.5 | 0 | 0.013 | 6 | 10.56 |
| 1 | 9 | 8 | 10 | 6 | 1 | 1.05 | 0.339 | 77.55 | 50.88 | 184.00 | 24.00 | 0.34 | 1 | 1 | 4.5 | 0 | 0.014 | 7 | 10.56 |
| 0 | 11 | 0 | 12 | 6 | 1 | 0.92 | 1.622 | 38.87 | 78.61 | 185.00 | 86.00 | 999.00 | 1 | 1 | 12.0 | 0 | 0.022 | 0 | 10.56 |
| 0 | 12 | 11 | 13 | 1 | 6 | 0.99 | 1.594 | 1.28 | 78.61 | 185.00 | 83.00 | 999.00 | 1 | 1 | 12.0 | 0 | 0.022 | 0 | 38.87 |
| 0 | 13 | 12 | 14 | 2 | 1 | 0.89 | 0.857 | 37.41 | 70.95 | 185.00 | 51.00 | 999.00 | 1 | 1 | 0.0 | 0 | 0.020 | 11 | 38.87 |
| 0 | 14 | 13 | 15 | 2 | 5 | 0.91 | 0.822 | 2.72 | 72.41 | 185.00 | 48.00 | 999.00 | 1 | 1 | 0.5 | 0 | 0.020 | 12 | 37.41 |
| 0 | 15 | 14 | 16 | 2 | 1 | 1.10 | 0.458 | 15.61 | 80.96 | 185.00 | 25.00 | 0.04 | 1 | 1 | 0.5 | 0 | 0.022 | 13 | 37.41 |
| 0 | 16 | 15 | 17 | 5 | 1 | 0.93 | 0.339 | 7.32 | 54.17 | 185.00 | 24.00 | 0.08 | 1 | 1 | 0.5 | 0 | 0.015 | 14 | 37.41 |
| 0 | 17 | 16 | 18 | 4 | 6 | 1.20 | 0.321 | 1.23 | 53.46 | 185.00 | 21.00 | 0.18 | 1 | 1 | 6.0 | 0 | 0.015 | 15 | 7.32 |
| 0 | 18 | 17 | 19 | 5 | 6 | 1.40 | 0.304 | 1.14 | 52.74 | 185.00 | 17.00 | 0.07 | 2 | 1 | 4.5 | 0 | 0.015 | 16 | 7.32 |
| 0 | 19 | 18 | 20 | 4 | 1 | 0.79 | 0.153 | 13.32 | 40.01 | 185.00 | 14.00 | 0.08 | 1 | 1 | 6.0 | 0 | 0.011 | 17 | 7.32 |
| 0 | 20 | 19 | 21 | 6 | 1 | 0.75 | 0.035 | 10.02 | 42.28 | 185.00 | 3.00 | 0.06 | 1 | 1 | 4.5 | 0 | 0.012 | 18 | 7.32 |
| 1 | 6 | 0 | 7 | 4 | 1 | 0.98 | 1.365 | 43.96 | 49.10 | 185.00 | 98.00 | 999.03 | 1 | 1 | 12.0 | 0 | 0.014 | 0 | 7.32 |
| 1 | 7 | 6 | 8 | 4 | 1 | 0.90 | 1.231 | 10.65 | 45.29 | 185.00 | 96.00 | 999.03 | 1 | 1 | 4.5 | 0 | 0.013 | 0 | 7.32 |
| 1 | 8 | 7 | 9 | 4 | 6 | 1.26 | 1.215 | 1.26 | 45.29 | 185.00 | 76.00 | 999.03 | 1 | 1 | 4.5 | 0 | 0.013 | 6 | 10.65 |
| 1 | 9 | 8 | 10 | 6 | 1 | 1.05 | 0.353 | 77.56 | 50.73 | 185.00 | 25.00 | 0.37 | 1 | 1 | 4.5 | 0 | 0.014 | 7 | 10.65 |
| 0 | 21 | 20 | 22 | 2 | 1 | 0.81 | 0.0 | 11.94 | 44.81 | 194.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 22 | 21 | 23 | 1 | 1 | 0.99 | 0.0 | 33.94 | 59.20 | 228.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 10 | 9 | 11 | 2 | 1 | 1.18 | 0.0 | 69.72 | 81.44 | 230.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 23 | 22 | 24 | 6 | 1 | 0.88 | 0.0 | 3.80 | 49.94 | 232.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 24 | 23 | 25 | 4 | 1 | 0.91 | 0.0 | 15.73 | 44.64 | 248.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 25 | 24 | 26 | 4 | 1 | 0.83 | 0.0 | 2.26 | 40.37 | 251.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 11 | 10 | 12 | 4 | 1 | 1.34 | 0.0 | 20.74 | 66.20 | 251.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 12 | 11 | 13 | 4 | 1 | 1.15 | 0.0 | 3.01 | 56.91 | 255.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 13 | 12 | 14 | 4 | 1 | 0.94 | 0.0 | 11.10 | 46.34 | 267.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 14 | 13 | 15 | 1 | 1 | 1.10 | 0.0 | 6.24 | 81.70 | 274.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 15 | 14 | 16 | 1 | 1 | 0.98 | 0.0 | 31.72 | 73.08 | 288.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 26 | 25 | 27 | 4 | 1 | 1.26 | 0.0 | 56.35 | 61.81 | 298.00 | 0.0 | 0.0 | 1 | | | | | | |
| 1 | 16 | 15 | 17 | 2 | 1 | 0.67 | 0.0 | 2.75 | 67.09 | 289.00 | 0.0 | 0.0 | 1 | | | | | | |
| 0 | 27 | 26 | 28 | 4 | 1 | 0.81 | 0.0 | 1.88 | 55.42 | 300.00 | 0.0 | 0.0 | 1 | | | | | | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 28 | 27 | 29 | 5 | 1 | 1.20 | 0.0 | 2.37 | 64.64 | 293.00 | 0.0 | 0.0 | 1 |
| 0 | 29 | 28 | 30 | 2 | 1 | 1.08 | 0.0 | 12.11 | 59.32 | 306.00 | 0.0 | 0.0 | 1 |
| 0 | 30 | 29 | 31 | 5 | 1 | 0.84 | 0.0 | 1.83 | 44.99 | 308.00 | 0.0 | 0.0 | 1 |
| 1 | 17 | 16 | 18 | 6 | 1 | 1.10 | 0.0 | 33.79 | 53.03 | 323.00 | 0.0 | 0.0 | 1 |
| 0 | 31 | 30 | 32 | 4 | 1 | 0.95 | 0.0 | 41.38 | 46.51 | 350.00 | 0.0 | 0.0 | 1 |
| 1 | 16 | 17 | 19 | 1 | 1 | 1.15 | 0.0 | 46.65 | 85.80 | 370.00 | 0.0 | 0.0 | 1 |
| 1 | 19 | 18 | 20 | 2 | 1 | 1.19 | 0.0 | 7.71 | 81.90 | 378.00 | 0.0 | 0.0 | 1 |
| 1 | 20 | 19 | 21 | 4 | 1 | 0.77 | 0.0 | 1.74 | 37.93 | 380.00 | 0.0 | 0.0 | 1 |
| 0 | 32 | 31 | 33 | 4 | 1 | 0.86 | 0.0 | 30.23 | 42.00 | 381.00 | 0.0 | 0.0 | 1 |
| 1 | 21 | 20 | 22 | 1 | 1 | 1.04 | 0.0 | 3.40 | 77.80 | 384.00 | 0.0 | 0.0 | 1 |
| 0 | 33 | 32 | 34 | 4 | 1 | 0.83 | 0.0 | 42.31 | 40.35 | 424.00 | 0.0 | 0.0 | 1 |
| 0 | 34 | 33 | 35 | 4 | 1 | 0.78 | 0.0 | 4.35 | 38.24 | 429.00 | 0.0 | 0.0 | 1 |
| 0 | 35 | 34 | 36 | 6 | 1 | 1.25 | 0.0 | 1.39 | 70.79 | 431.00 | 0.0 | 0.0 | 1 |
| 0 | 36 | 34 | 37 | 1 | 1 | 0.90 | 0.0 | 18.37 | 53.88 | 450.00 | 0.0 | 0.0 | 1 |
| 0 | 37 | 36 | 38 | 1 | 1 | 0.95 | 0.0 | 6.83 | 56.59 | 457.00 | 0.0 | 0.0 | 1 |
| 0 | 38 | 37 | 39 | 4 | 1 | 0.95 | 0.0 | 6.82 | 46.29 | 464.00 | 0.0 | 0.0 | 1 |
| 0 | 39 | 38 | 40 | 2 | 1 | 0.92 | 0.0 | 13.24 | 50.67 | 478.00 | 0.0 | 0.0 | 1 |
| 1 | 22 | 20 | 23 | 1 | 1 | 0.97 | 0.0 | 93.73 | 72.06 | 478.00 | 0.0 | 0.0 | 1 |
| 1 | 23 | 22 | 24 | 1 | 1 | 0.82 | 0.0 | 2.75 | 61.10 | 481.00 | 0.0 | 0.0 | 1 |
| 0 | 40 | 39 | 41 | 4 | 1 | 0.87 | 0.0 | 9.89 | 42.33 | 488.00 | 0.0 | 0.0 | 1 |
| 0 | 41 | 40 | 42 | 1 | 1 | 1.19 | 0.0 | 19.31 | 70.63 | 508.00 | 0.0 | 0.0 | 1 |
| 0 | 42 | 41 | 43 | 4 | 1 | 1.06 | 0.0 | 2.75 | 51.70 | 511.00 | 0.0 | 0.0 | 1 |
| 0 | 43 | 42 | 44 | 4 | 1 | 0.91 | 0.0 | 7.16 | 44.34 | 519.00 | 0.0 | 0.0 | 1 |
| 0 | 44 | 43 | 45 | 1 | 1 | 1.14 | 0.0 | 2.27 | 67.99 | 522.00 | 0.0 | 0.0 | 1 |
| 0 | 45 | 44 | 46 | 4 | 1 | 0.99 | 0.0 | 1.76 | 48.58 | 524.00 | 0.0 | 0.0 | 1 |
| 1 | 24 | 23 | 25 | 2 | 1 | 0.97 | 0.0 | 45.79 | 67.26 | 527.00 | 0.0 | 0.0 | 1 |
| 1 | 25 | 24 | 26 | 1 | 1 | 1.09 | 0.0 | 3.79 | 81.22 | 531.00 | 0.0 | 0.0 | 1 |
| 0 | 46 | 45 | 47 | 1 | 1 | 0.96 | 0.0 | 9.20 | 57.15 | 534.00 | 0.0 | 0.0 | 1 |
| 0 | 47 | 46 | 48 | 1 | 1 | 1.00 | 0.0 | 0.61 | 59.34 | 535.00 | 0.0 | 0.0 | 1 |
| 0 | 48 | 47 | 49 | 2 | 1 | 1.04 | 0.0 | 4.80 | 57.07 | 540.00 | 0.0 | 0.0 | 1 |
| 0 | 49 | 48 | 50 | 2 | 1 | 0.87 | 0.0 | 3.85 | 47.62 | 544.00 | 0.0 | 0.0 | 1 |
| 0 | 50 | 49 | 51 | 2 | 1 | 1.14 | 0.0 | 4.91 | 62.84 | 549.00 | 0.0 | 0.0 | 1 |
| 0 | 51 | 50 | 52 | 4 | 1 | 1.01 | 0.0 | 2.82 | 49.22 | 552.00 | 0.0 | 0.0 | 1 |
| 0 | 52 | 51 | 53 | 4 | 1 | 1.19 | 0.0 | 6.19 | 58.27 | 559.00 | 0.0 | 0.0 | 1 |
| 0 | 53 | 52 | 54 | 1 | 1 | 0.66 | 0.0 | 2.08 | 39.24 | 562.00 | 0.0 | 0.0 | 1 |
| 0 | 54 | 53 | 55 | 1 | 1 | 1.01 | 0.0 | 8.96 | 60.39 | 571.00 | 0.0 | 0.0 | 1 |
| 0 | 55 | 54 | 56 | 2 | 1 | 1.09 | 0.0 | 13.80 | 59.97 | 585.00 | 0.0 | 0.0 | 1 |
| 1 | 26 | 25 | 27 | 4 | 1 | 0.93 | 0.0 | 55.72 | 45.76 | 587.00 | 0.0 | 0.0 | 1 |
| 0 | 56 | 55 | 57 | 4 | 1 | 0.85 | 0.0 | 3.83 | 41.42 | 589.00 | 0.0 | 0.0 | 1 |
| 1 | 27 | 26 | 28 | 1 | 1 | 1.03 | 0.0 | 2.24 | 76.66 | 590.00 | 0.0 | 0.0 | 1 |
| 0 | 57 | 56 | 58 | 1 | 1 | 1.09 | 0.0 | 31.32 | 65.24 | 621.00 | 0.0 | 0.0 | 1 |
| 0 | 58 | 57 | 59 | 1 | 1 | 0.98 | 0.0 | 14.77 | 58.58 | 636.00 | 0.0 | 0.0 | 1 |
| 0 | 59 | 58 | 60 | 4 | 1 | 1.08 | 0.0 | 3.81 | 52.80 | 640.00 | 0.0 | 0.0 | 1 |
| 0 | 60 | 59 | 61 | 6 | 1 | 0.83 | 0.0 | 2.15 | 47.30 | 643.00 | 0.0 | 0.0 | 1 |
| 1 | 28 | 26 | 29 | 2 | 1 | 1.03 | 0.0 | 60.74 | 71.26 | 651.00 | 0.0 | 0.0 | 1 |
| 0 | 61 | 60 | 62 | 4 | 1 | 0.79 | 0.0 | 24.80 | 38.48 | 668.00 | 0.0 | 0.0 | 1 |
| 1 | 29 | 28 | 30 | 2 | 1 | 1.03 | 0.0 | 16.78 | 71.13 | 668.00 | 0.0 | 0.0 | 1 |
| 0 | 62 | 61 | 63 | 1 | 1 | 0.94 | 0.0 | 22.39 | 56.31 | 691.00 | 0.0 | 0.0 | 1 |
| 0 | 63 | 62 | 64 | 2 | 1 | 0.85 | 0.0 | 2.82 | 46.73 | 694.00 | 0.0 | 0.0 | 1 |
| 0 | 64 | 63 | 65 | 2 | 1 | 1.15 | 0.0 | 1.92 | 63.00 | 696.00 | 0.0 | 0.0 | 1 |
| 0 | 65 | 64 | 66 | 1 | 1 | 1.09 | 0.0 | 3.81 | 64.96 | 700.00 | 0.0 | 0.0 | 1 |
| 0 | 66 | 65 | 67 | 6 | 1 | 1.11 | 0.0 | 1.78 | 62.86 | 702.00 | 0.0 | 0.0 | 1 |
| 0 | 67 | 66 | 68 | 4 | 1 | 1.34 | 0.0 | 3.48 | 65.70 | 706.00 | 0.0 | 0.0 | 1 |
| 1 | 30 | 29 | 31 | 4 | 1 | 1.15 | 0.0 | 48.78 | 56.58 | 717.00 | 0.0 | 0.0 | 1 |
| 0 | 68 | 67 | 69 | 4 | 1 | 0.76 | 0.0 | 24.02 | 36.99 | 731.00 | 0.0 | 0.0 | 1 |
| 1 | 31 | 30 | 32 | 4 | 1 | 0.95 | 0.0 | 27.10 | 46.83 | 745.00 | 0.0 | 0.0 | 1 |
| 1 | 32 | 31 | 33 | 6 | 1 | 1.03 | 0.0 | 8.23 | 49.67 | 754.00 | 0.0 | 0.0 | 1 |
| 0 | 69 | 68 | 70 | 4 | 1 | 0.95 | 0.0 | 30.42 | 46.53 | 762.00 | 0.0 | 0.0 | 1 |
| 1 | 33 | 32 | 34 | 2 | 1 | 0.93 | 0.0 | 26.72 | 64.42 | 781.00 | 0.0 | 0.0 | 1 |
| 1 | 34 | 33 | 35 | 1 | 1 | 1.04 | 0.0 | 32.81 | 77.22 | 814.00 | 0.0 | 0.0 | 1 |
| 1 | 35 | 34 | 36 | 2 | 1 | 1.09 | 0.0 | 5.73 | 75.37 | 820.00 | 0.0 | 0.0 | 1 |
| 0 | 70 | 69 | 71 | 4 | 1 | 0.81 | 0.0 | 60.23 | 39.51 | 823.00 | 0.0 | 0.0 | 1 |
| 1 | 36 | 35 | 37 | 4 | 1 | 1.08 | 0.0 | 2.76 | 53.20 | 823.00 | 0.0 | 0.0 | 1 |
| 0 | 71 | 70 | 72 | 1 | 1 | 0.96 | 0.0 | 2.36 | 57.23 | 826.00 | 0.0 | 0.0 | 1 |
| 0 | 72 | 71 | 73 | 4 | 1 | 0.96 | 0.0 | 7.81 | 47.88 | 834.00 | 0.0 | 0.0 | 1 |
| 1 | 37 | 36 | 38 | 1 | 1 | 0.96 | 0.0 | 20.14 | 71.65 | 844.00 | 0.0 | 0.0 | 1 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 38 | 37 | 39 | 2 | 1 | 1.02 | 0.0 | 27.75 | 70.54 | 872.00 | 0.0 | 0.0 | 1 |
| 1 | 39 | 38 | 40 | 2 | 1 | 1.14 | 0.0 | 0.78 | 78.48 | 873.00 | 0.0 | 0.0 | 1 |
| 1 | 40 | 39 | 41 | 4 | 1 | 1.07 | 0.0 | 1.75 | 52.78 | 875.00 | 0.0 | 0.0 | 1 |
| 1 | 41 | 40 | 42 | 4 | 1 | 0.77 | 0.0 | 36.15 | 38.20 | 912.00 | 0.0 | 0.0 | 1 |
| 0 | 73 | 0 | 74 | 6 | 1 | 0.89 | 0.0 | 119.21 | 50.54 | 954.00 | 0.0 | 0.0 | 1 |
| 1 | 42 | 41 | 43 | 4 | 1 | 0.98 | 0.0 | 70.39 | 48.53 | 983.00 | 0.0 | 0.0 | 1 |
| 0 | 74 | 73 | 75 | 2 | 1 | 1.03 | 0.0 | 30.71 | 56.74 | 985.00 | 0.0 | 0.0 | 1 |
| 0 | 75 | 74 | 76 | 4 | 1 | 1.06 | 0.0 | 0.85 | 51.94 | 986.00 | 0.0 | 0.0 | 1 |
| 0 | 76 | 75 | 77 | 1 | 1 | 0.87 | 0.0 | 21.16 | 51.57 | 1008.00 | 0.0 | 0.0 | 1 |
| 0 | 77 | 76 | 78 | 2 | 1 | 1.36 | 0.0 | 2.85 | 75.02 | 1011.00 | 0.0 | 0.0 | 1 |
| 0 | 78 | 76 | 79 | 2 | 1 | 0.78 | 0.0 | 29.76 | 42.80 | 1041.00 | 0.0 | 0.0 | 1 |
| 1 | 43 | 42 | 44 | 1 | 1 | 1.09 | 0.0 | 58.20 | 81.25 | 1042.00 | 0.0 | 0.0 | 1 |
| 0 | 79 | 78 | 80 | 4 | 1 | 0.94 | 0.0 | 5.96 | 46.20 | 1047.00 | 0.0 | 0.0 | 1 |
| 0 | 80 | 79 | 81 | 4 | 1 | 1.08 | 0.0 | 6.24 | 52.83 | 1054.00 | 0.0 | 0.0 | 1 |
| 0 | 81 | 80 | 82 | 4 | 1 | 1.20 | 0.0 | 2.15 | 58.88 | 1057.00 | 0.0 | 0.0 | 1 |
| 1 | 44 | 43 | 45 | 4 | 1 | 0.91 | 0.0 | 25.72 | 44.86 | 1068.00 | 0.0 | 0.0 | 1 |
| 0 | 82 | 81 | 83 | 1 | 1 | 0.83 | 0.0 | 19.08 | 49.23 | 1077.00 | 0.0 | 0.0 | 1 |
| 0 | 83 | 82 | 84 | 4 | 1 | 1.14 | 0.0 | 2.86 | 55.75 | 1080.00 | 0.0 | 0.0 | 1 |
| 0 | 84 | 83 | 85 | 2 | 1 | 1.34 | 0.0 | 3.11 | 73.71 | 1084.00 | 0.0 | 0.0 | 1 |
| 0 | 85 | 84 | 86 | 2 | 1 | 0.89 | 0.0 | 2.77 | 48.97 | 1087.00 | 0.0 | 0.0 | 1 |
| 0 | 86 | 85 | 87 | 4 | 1 | 0.77 | 0.0 | 7.90 | 37.77 | 1095.00 | 0.0 | 0.0 | 1 |
| 0 | 87 | 86 | 88 | 4 | 1 | 0.80 | 0.0 | 2.40 | 39.27 | 1098.00 | 0.0 | 0.0 | 1 |
| 1 | 45 | 44 | 46 | 1 | 1 | 1.05 | 0.0 | 31.26 | 78.57 | 1100.00 | 0.0 | 0.0 | 1 |
| 1 | 46 | 45 | 47 | 4 | 1 | 1.09 | 0.0 | 9.73 | 53.91 | 1110.00 | 0.0 | 0.0 | 1 |
| 1 | 47 | 46 | 48 | 2 | 1 | 0.75 | 0.0 | 30.13 | 51.48 | 1141.00 | 0.0 | 0.0 | 1 |
| 1 | 48 | 47 | 49 | 1 | 1 | 0.91 | 0.0 | 6.88 | 67.54 | 1142.00 | 0.0 | 0.0 | 1 |
| 1 | 49 | 48 | 50 | 2 | 1 | 0.85 | 0.0 | 0.83 | 58.64 | 1143.00 | 0.0 | 0.0 | 1 |
| 1 | 50 | 49 | 51 | 2 | 1 | 1.12 | 0.0 | 6.84 | 76.94 | 1150.00 | 0.0 | 0.0 | 1 |
| 1 | 51 | 50 | 52 | 4 | 1 | 0.80 | 0.0 | 7.76 | 39.22 | 1158.00 | 0.0 | 0.0 | 1 |
| 0 | 88 | 87 | 89 | 1 | 1 | 0.95 | 0.0 | 71.37 | 56.81 | 1170.00 | 0.0 | 0.0 | 1 |
| 0 | 89 | 88 | 90 | 1 | 1 | 0.68 | 0.0 | 14.82 | 40.39 | 1185.00 | 0.0 | 0.0 | 1 |
| 0 | 90 | 89 | 91 | 2 | 1 | 1.36 | 0.0 | 1.94 | 74.83 | 1187.00 | 0.0 | 0.0 | 1 |

HEADWAY DISTRIBUTION AND VEHICLE ORDER AT THE BEGINNING OF THE PRIMARY LANE OF THE HIGHWAY SECTION

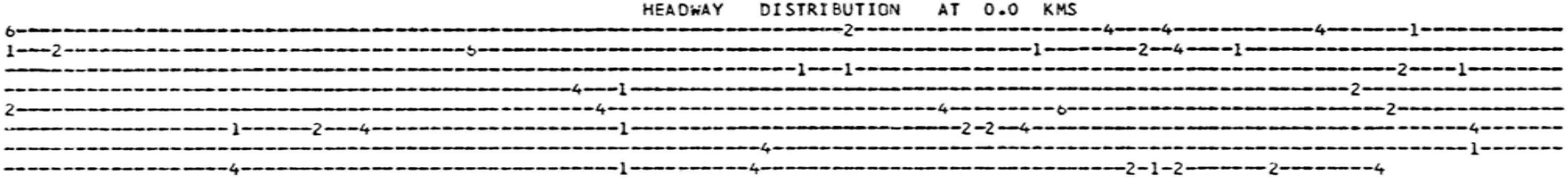
EMPRESA BRASILEIRA DE PLANEJAMENTO DE TRANSPORTES - GEIPOT
SIMULATION OF FLOW OF TRAFFIC

PRIMARY LANE

TRAFFIC VOLUME 200 VEHICLES PER HOUR
VEHICLE CLASS 1 2 3 4 5 6
VEHICLE COMPOSITION 36.% 18.% 1.% 36.% 3.% 6.%
EXCESS LENGTH(METRES) 0.0 0.5 2.5 4.5 6.0 12.0
MINIMUM HEADWAY 0.5 SEC PLUS VEHICLE LENGTH COMPONENT
AVERAGE HEADWAY RESTRAINED GROUP 2.0 SEC
AVERAGE HEADWAY UNRESTRAINED GROUP 21.6 SEC
PERCENTAGE OF VEHICLES IN RESTRAINED GROUP 23.
TIME INCREMENT 1.0 SEC
NO. IN SAMPLE 43 VEHICLES

SECTION LENGTH 1.8 KMS
CLIMBING LANE START 0.0 KMS END 0.0 KMS
RELATIVE SHIFT OF FREE SPEED TABLES 1.0 KMS
NO STOP SIGN IN LANE

HEADWAY DISTRIBUTION AT 0.0 KMS



VEHICLE ORDER ON GRID AT 0.0 KMS

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 49 | 50 | 51 | | | | | | | | | | | | | | | | | |

PRIMARY LANE

SUMMARY OF HEADWAY DISTRIBUTION

| HEADWAY (SECONDS) | NUMBER OF VEHICLES CLASS 1 | CLASS 2 | CLASS 3 | CLASS 4 | CLASS 5 | CLASS 6 | ALL VEHICLES |
|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 1 | 2 | 0 | 0 | 0 | 0 | 3 |
| 2 | 0 | 0 | 0 | 2 | 0 | 0 | 2 |
| 3 | 2 | 1 | 0 | 1 | 0 | 0 | 4 |
| 4 | 2 | 0 | 0 | 1 | 0 | 0 | 3 |
| 6 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 7 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 8 | 0 | 1 | 0 | 1 | 0 | 0 | 2 |
| 9 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 10 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 12 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| 17 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 21 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| 26 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 27 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 28 | 0 | 1 | 0 | 1 | 0 | 0 | 2 |
| 31 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 32 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 33 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 34 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 37 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 46 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 47 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 49 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 56 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 59 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 61 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 70 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 71 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 94 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| TOTALS 998 | 13 | 13 | 0 | 14 | 0 | 3 | 43 |

AVERAGE HEADWAY TIME 23.76
STANDARD DEVIATION 23.53

VEHICLES IN PASSING MODE AT 0.00 KMS

21

STATISTICAL ANALYSIS OF TRAVEL TIME AND FUEL CONSUMPTION FOR THE VEHICLE CLASSES FROM THE BEGINNING OF THE SECTION TO THE SAMPLING STATION - km 0.5 OF THE PRIMARY LANE

EMPRESA BRASILEIRA DE PLANEJAMENTO DE TRANSPORTES - GEIPOT

STATISTIGAL ANALYSIS

ANALYSIS FROM START OF SECTION TO 0.50 KMS
PRIMARY LANE

| VEHICLE CLASS | | -1- | -2- | -3- | -4- | -5- | -6- | ALL CLASSES |
|---|---|---|---|---|---|---|---|---|
| VEHICLES IN EACH CLASS | | 13 | 13 | 0 | 14 | 0 | 3 | 43 |
| TRAVEL TIME (SECS) | | | | | | | | |
| RANGE | MIN. | 20.54 | 21.57 | 0.0 | 25.63 | 0.0 | 33.76 | 0.0 |
| | MAX. | 33.52 | 34.31 | 0.0 | 44.74 | 0.0 | 36.04 | 44.74 |
| MEAN | | 24.78 | 25.91 | 0.0 | 35.44 | 0.0 | 35.15 | 29.31 |
| STD DEVIATION | | 3.39 | 3.73 | 0.0 | 5.58 | 0.0 | 1.00 | 6.49 |
| COEFF OF VARIATION | | 13.7 | 14.4 | 0.0 | 15.7 | 0.0 | 2.8 | 22.2 |
| FUEL CONSUMPTION (LITRES) | | | | | | | | |
| RANGE | MIN. | 0.034 | 0.055 | 0.0 | 0.282 | 0.0 | 0.876 | 0.0 |
| | MAX. | 0.045 | 0.086 | 0.0 | 0.910 | 0.0 | 0.947 | 0.947 |
| MEAN | | 0.039 | 0.071 | 0.0 | 0.450 | 0.0 | 0.905 | 0.243 |
| STD DEVIATION | | 0.003 | 0.009 | 0.0 | 0.162 | 0.0 | 0.031 | 0.273 |
| COEFF OF VARIATION | | 8.0 | 13.0 | 0.0 | 35.9 | 0.0 | 3.4 | **** |

SIMULATION TIME FROM 111.0 SECS TO 1202.0 SECS

HEADWAY DISTRIBUTION AND VEHICLE ORDER IN THE PRIMARY LANE AT THE SAMPLING STATION - km 0.5 OF THE HIGHWAY SECTION

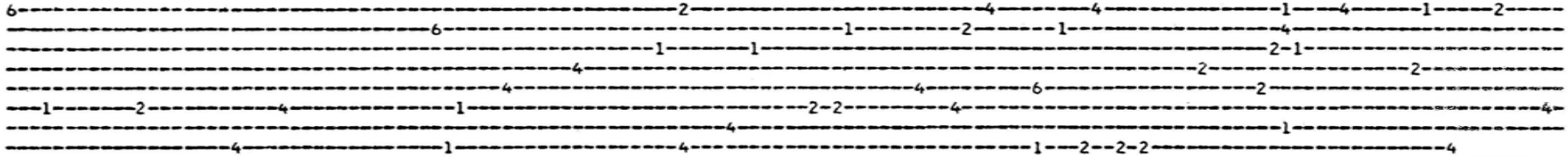
EMPRESA BRASILEIRA DE PLANEJAMENTO DE TRANSPORTES - GEIPOT
SIMULATION OF FLOW OF TRAFFIC

PRIMARY LANE

TRAFFIC VOLUME 200 VEHICLES PER HOUR
VEHICLE CLASS 1 2 3 4 5 6
VEHICLE COMPOSITION 36.% 18.% 1.% 36.% 3.% 6.%
EXCESS LENGTH(METRES) 0.0 0.5 2.5 4.5 6.0 12.0
MINIMUM HEADWAY 0.5 SEC PLUS VEHICLE LENGTH COMPONENT
AVERAGE HEADWAY RESTRAINED GROUP 2.0 SEC
AVERAGE HEADWAY UNRESTRAINED GROUP 21.6 SEC
PERCENTAGE OF VEHICLES IN RESTRAINED GROUP 23.
TIME INCREMENT 1.0 SEC
NO. IN SAMPLE 42 VEHICLES

SECTION LENGTH 1.8 KMS
CLIMBING LANE START 0.0 KMS END 0.0 KMS
RELATIVE SHIFT OF FREE SPEED TABLES 1.0 KMS
NO STOP SIGN IN LANE

HEADWAY DISTRIBUTION AT 0.50 KMS



VEHICLE ORDER ON GRID AT 0.50 KMS

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 10 | 11 | 12 | 14 | 13 | 15 | 16 | 17 | 18 | 19 | 21 | 20 | 22 | 23 | 24 | 25 | 26 | 28 | 29 |
| 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 48 | 50 | 47 |
| 49 | 51 | | | | | | | | | | | | | | | | | | |

PRIMARY LANE

SUMMARY OF HEADWAY DISTRIBUTION

| HEADWAY (SECONDS) | NUMBER OF VEHICLES CLASS 1 | CLASS 2 | CLASS 3 | CLASS 4 | CLASS 5 | CLASS 6 | ALL VEHICLES |
|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 1 | 2 | 0 | 0 | 0 | 0 | 3 |
| 2 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 3 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 4 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 5 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 6 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| 8 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 9 | 0 | 1 | 0 | 1 | 0 | 1 | 3 |
| 11 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 14 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 17 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 18 | 0 | 1 | 0 | 1 | 0 | 0 | 2 |
| 19 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 25 | 0 | 0 | 0 | 2 | 0 | 0 | 2 |
| 28 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 29 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 34 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| 41 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 42 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 43 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 46 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 49 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 52 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 54 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 56 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 62 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 70 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 78 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| TOTALS 1005 | 12 | 13 | 0 | 14 | 0 | 3 | 42 |

AVERAGE HEADWAY TIME 24.51
STANDARD DEVIATION 20.90

VEHICLES IN PASSING MODE AT 0.50 KMS

27

NUMBER OF SINGLE AND MULTIPLE PASSES

| -1- | -2- | -3- | -4- | -5- | -6- |
|---|---|---|---|---|---|
| 3 | 1 | 0 | 0 | 0 | 0 |

SUMMARY DESCRIPTION OF THE SAFETY MARGINS IN OVERTAKING IN THE PRIMARY LANE OF THE HIGHWAY SECTION

PRIMARY LANE

SUMMARY OF SAFETY MARGIN IN OVERTAKING

| SAFETY MARGIN (SECONDS) | NUMBER OF VEHICLES CLASS 1 | CLASS 2 | CLASS 3 | CLASS 4 | CLASS 5 | CLASS 6 | ALL VEHICLES |
|---|---|---|---|---|---|---|---|
| 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| TOTALS | 3 | 0 | 0 | 0 | 0 | 0 | 3 |

AVERAGE SAFETY MARGIN 3.67
STANDARD DEVIATION 4.73