The total network travel time is 42,841 vehicle minutes, calculated using the sum product of Flow and Congested Time.

|  |  |  |
| --- | --- | --- |
| Fig 1: Busiest Links by Volume. | | |
| Link Number | Flow (vph) |
| 7-19 | 1846.1 |
| 2-10 | 1688.65 |
| 4-7 | 1521.58 |
| 10-2 | 1483.28 |
| 8-7 | 1339.62 |
| 1-2 | 1337.52 |
| 17-9 | 1308.54 |
| 1-4 | 1307.19 |
| 9-17 | 1300.5 |
| 18-19 | 1296.15 |

|  |  |  |
| --- | --- | --- |
| Fig 2: Links Over Capacity | | |
| Link Number | Flow (vph) | V/C ratio |
| 8-7 | 1339.62 | 1.48846 |
| 1-2 | 1337.52 | 1.48613 |
| 18-19 | 1296.15 | 1.44017 |
| 7-8 | 1257.02 | 1.39669 |
| 9-8 | 1218.31 | 1.35368 |
| 8-9 | 1199.1 | 1.33233 |
| 2-1 | 1189.29 | 1.32143 |
| 19-18 | 1075.37 | 1.19486 |
| 14-15 | 1050.64 | 1.16738 |
| 15-18 | 1006.64 | 1.11849 |
| 17-16 | 963.005 | 1.07001 |
| 14-13 | 1273.99 | 1.06166 |
| 9-5 | 634.893 | 1.05816 |
| 7-19 | 1846.1 | 1.02561 |
| 9-10 | 921.654 | 1.02406 |

Congestion hotspots occur in the “Downtown” area around Demand Nodes 7 and 9, and on the East Side of Simpletown, in Demand Areas 19 and 14.