#### 07:30 - 07:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.23               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.31                     | 0.31                       | 64.47                | 0.005 | 0.31                   | 0.0                  | 0.0                | 14.025    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.74               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      | · C^               |           |                               |
| A-B    | 0.35                     | 0.35                       |                      |       | 0.35                   |                      | \$                 | 1/-       |                               |
| A-C    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                               |

# 07:45 - 08:00

| A-C       | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                               |
|-----------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| 07:45 - 0 | 8:00                     |                            |                      |       |                        |                      |                    | 70        |                               |
| Stream    | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
| В-С       | 0.00                     | 0.00                       | 192.56               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | TO <sub>2</sub> A             |
| B-A       | 0.31                     | 0.31                       | 64.61                | 0.005 | 0.31                   | 0.0                  | 0.0                | 13.996    | B                             |
| C-AB      | 0.00                     | 0.00                       | 152.00               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B       | 0.35                     | 0.35                       |                      |       | 0.35                   |                      |                    |           |                               |
| A-C       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

#### 08:00 - 08:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.62               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.24                     | 0.24                       | 64.53                | 0.004 | 0.24                   | 0.0                  | 0.0                | 13.999    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.02               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                               |
| A-B    | 0.33                     | 0.33                       |                      |       | 0.33                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

#### 08:15 - 08:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.62               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.24                     | 0.24                       | 64.61                | 0.004 | 0.24                   | 0.0                  | 0.0                | 13.980    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.02               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.33                     | 0.33                       |                      |       | 0.33                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

#### 08:30 - 08:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.57               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.32                     | 0.32                       | 64.43                | 0.005 | 0.32                   | 0.0                  | 0.0                | 14.037    | В                             |
| C-AB   | 0.00                     | 0.00                       | 121.63               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 1.16                     | 1.16                       |                      |       | 1.16                   |                      |                    |           |                               |
| A-B    | 0.29                     | 0.29                       |                      |       | 0.29                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 08:45 - 09:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.57               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.32                     | 0.32                       | 64.61                | 0.005 | 0.32                   | 0.0                  | 0.0                | 13.997    | В                             |
| C-AB   | 0.00                     | 0.00                       | 135.14               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.29                     | 0.29                       |                      |       | 0.29                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 09:00 - 09:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.19               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| B-A    | 0.35                     | 0.35                       | 64.47                | 0.005 | 0.35                   | 0.0                  | 0.0                | 14.034    | В                                |
| C-AB   | 0.00                     | 0.00                       | 142.80               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| А-В    | 0.37                     | 0.37                       |                      |       | 0.37                   |                      |                    |           |                                  |
| A-C    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                                  |

#### 09:15 - 09:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.53               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.35                     | 0.35                       | 64.52                | 0.005 | 0.35                   | 0.0                  | 0.0                | 14.024    | В                             |
| C-AB   | 0.00                     | 0.00                       | 147.39               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      | · C^               |           |                               |
| A-B    | 0.37                     | 0.37                       |                      |       | 0.37                   |                      | \$                 | 11-       |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 09:30 - 09:45

| A-C       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
|-----------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| 09:30 - 0 | 9:45                     |                            |                      |       |                        |                      |                    | 70        |                               |
| Stream    | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
| B-C       | 0.00                     | 0.00                       | 192.58               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | TO <sub>2</sub> A             |
| B-A       | 0.28                     | 0.28                       | 64.60                | 0.004 | 0.28                   | 0.0                  | 0.0                | 13.991    | В                             |
| C-AB      | 0.00                     | 0.00                       | 149.65               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B       | 0.38                     | 0.38                       |                      |       | 0.38                   |                      |                    |           |                               |
| A-C       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 09:45 - 10:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.58               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.28                     | 0.28                       | 64.60                | 0.004 | 0.28                   | 0.0                  | 0.0                | 13.993    | В                             |
| C-AB   | 0.00                     | 0.00                       | 150.81               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.38                     | 0.38                       |                      |       | 0.38                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

#### 10:00 - 10:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.64               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| B-A    | 0.25                     | 0.25                       | 64.62                | 0.004 | 0.25                   | 0.0                  | 0.0                | 13.981    | В                                |
| C-AB   | 0.00                     | 0.00                       | 151.48               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| A-B    | 0.22                     | 0.22                       |                      |       | 0.22                   |                      |                    |           |                                  |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |

#### 10:15 - 10:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.64               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.25                     | 0.25                       | 64.62                | 0.004 | 0.25                   | 0.0                  | 0.0                | 13.981    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.77               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.22                     | 0.22                       |                      |       | 0.22                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 10:30 - 10:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.62               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.27                     | 0.27                       | 64.62                | 0.004 | 0.26                   | 0.0                  | 0.0                | 13.984    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.90               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.26                     | 0.26                       |                      |       | 0.26                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 10:45 - 11:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.62               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| B-A    | 0.27                     | 0.27                       | 64.62                | 0.004 | 0.26                   | 0.0                  | 0.0                | 13.984    | В                                |
| C-AB   | 0.00                     | 0.00                       | 151.98               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| А-В    | 0.26                     | 0.26                       |                      |       | 0.26                   |                      |                    |           |                                  |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |

# 11:00 - 11:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| в-с    | 0.00                     | 0.00                       | 192.64               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                                |
| B-A    | 0.24                     | 0.24                       | 64.62                | 0.004 | 0.24                   | 0.0                  | 0.0                | 13.978    | В                                |
| C-AB   | 0.00                     | 0.00                       | 152.02               | 0.000 | 0.00                   | 0.0                  | 0,0                | 0.000     | Α                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      | , C^               |           |                                  |
| A-B    | 0.25                     | 0.25                       |                      |       | 0.25                   |                      | \$                 | 11-       |                                  |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    | <b>T</b>  |                                  |

# 11:15 - 11:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| B-C    | 0.00                     | 0.00                       | 191.92               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | 0 A                              |
| B-A    | 0.24                     | 0.24                       | 64.24                | 0.004 | 0.24                   | 0.0                  | 0.0                | 14.060    | Ø₿                               |
| C-AB   | 0.00                     | 0.00                       | 151.47               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                                |
| C-A    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                                  |
| A-B    | 0.25                     | 0.25                       |                      |       | 0.25                   |                      |                    |           |                                  |
| A-C    | 1.16                     | 1.16                       |                      |       | 1.16                   |                      |                    |           |                                  |

#### 11:30 - 11:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.32               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.22                     | 0.22                       | 64.48                | 0.003 | 0.22                   | 0.0                  | 0.0                | 14.007    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.78               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.25                     | 0.25                       |                      |       | 0.25                   |                      |                    |           |                               |
| A-C    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                               |

#### 11:45 - 12:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| B-C    | 0.00                     | 0.00                       | 191.93               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| B-A    | 0.22                     | 0.22                       | 64.33                | 0.003 | 0.22                   | 0.0                  | 0.0                | 14.041    | В                                |
| C-AB   | 0.00                     | 0.00                       | 151.48               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| A-B    | 0.25                     | 0.25                       |                      |       | 0.25                   |                      |                    |           |                                  |
| A-C    | 1.16                     | 1.16                       |                      |       | 1.16                   |                      |                    |           |                                  |

#### 12:00 - 12:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.68               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.22                     | 0.22                       | 64.63                | 0.003 | 0.22                   | 0.0                  | 0.0                | 13.973    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.10               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.15                     | 0.15                       |                      |       | 0.15                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 12:15 - 12:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 191.77               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.22                     | 0.22                       | 64.26                | 0.003 | 0.22                   | 0.0                  | 0.0                | 14.052    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.16               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 1.65                     | 1.65                       |                      |       | 1.65                   |                      |                    |           |                               |
| A-C    | 1.16                     | 1.16                       |                      |       | 1.16                   |                      |                    |           |                               |

# 12:30 - 12:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| В-С    | 0.00                     | 0.00                       | 191.74               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| B-A    | 0.24                     | 0.24                       | 64.26                | 0.004 | 0.24                   | 0.0                  | 0.0                | 14.057    | В                                |
| C-AB   | 0.00                     | 0.00                       | 151.13               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| A-B    | 1.72                     | 1.72                       |                      |       | 1.72                   |                      |                    |           |                                  |
| A-C    | 1.16                     | 1.16                       |                      |       | 1.16                   |                      |                    |           |                                  |

#### 12:45 - 13:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.13               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.24                     | 0.24                       | 64.33                | 0.004 | 0.24                   | 0.0                  | 0.0                | 14.041    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.44               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      | · C^               |           |                               |
| A-B    | 1.72                     | 1.72                       |                      |       | 1.72                   |                      | \$                 | 11-       |                               |
| A-C    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    | <b>1</b>  |                               |

# 13:00 - 13:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.07               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | 0 A                              |
| B-A    | 0.29                     | 0.29                       | 64.41                | 0.005 | 0.29                   | 0.0                  | 0.0                | 14.036    | Ø₿                               |
| C-AB   | 0.00                     | 0.00                       | 151.41               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| A-B    | 1.77                     | 1.77                       |                      |       | 1.77                   |                      |                    |           |                                  |
| A-C    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                                  |

#### 13:15 - 13:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.60               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.29                     | 0.29                       | 64.61                | 0.005 | 0.29                   | 0.0                  | 0.0                | 13.991    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.04               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.27                     | 0.27                       |                      |       | 0.27                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

#### 13:30 - 13:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.54               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.35                     | 0.35                       | 64.61                | 0.005 | 0.35                   | 0.0                  | 0.0                | 14.004    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.02               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.33                     | 0.33                       |                      |       | 0.33                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

#### 13:45 - 14:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.20               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.35                     | 0.35                       | 64.48                | 0.005 | 0.35                   | 0.0                  | 0.0                | 14.034    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.75               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.33                     | 0.33                       |                      |       | 0.33                   |                      |                    |           |                               |
| A-C    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                               |

# 14:00 - 14:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.56               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.31                     | 0.31                       | 64.52                | 0.005 | 0.31                   | 0.0                  | 0.0                | 14.014    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.00               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                               |
| A-B    | 0.35                     | 0.35                       |                      |       | 0.35                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 14:15 - 14:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.56               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| B-A    | 0.31                     | 0.31                       | 64.52                | 0.005 | 0.31                   | 0.0                  | 0.0                | 14.014    | В                                |
| C-AB   | 0.00                     | 0.00                       | 152.00               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                                  |
| A-B    | 0.35                     | 0.35                       |                      |       | 0.35                   |                      |                    |           |                                  |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |

# 14:30 - 14:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.52               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.38                     | 0.38                       | 64.61                | 0.006 | 0.38                   | 0.0                  | 0.0                | 14.010    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.02               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      | · C^               |           |                               |
| A-B    | 0.31                     | 0.31                       |                      |       | 0.31                   |                      | \$                 | 11-       |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    | <b>1</b>  |                               |

# 14:45 - 15:00

| A-C       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
|-----------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| 14:45 - 1 | 5:00                     |                            |                      |       |                        |                      |                    | 70.       |                                  |
| Stream    | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
| В-С       | 0.00                     | 0.00                       | 192.52               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | 703 A                            |
| B-A       | 0.38                     | 0.38                       | 64.61                | 0.006 | 0.38                   | 0.0                  | 0.0                | 14.010    | <b>⊘</b> B                       |
| C-AB      | 0.00                     | 0.00                       | 152.02               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| A-B       | 0.31                     | 0.31                       |                      |       | 0.31                   |                      |                    |           |                                  |
| A-C       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |

#### 15:00 - 15:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.61               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.27                     | 0.27                       | 64.61                | 0.004 | 0.27                   | 0.0                  | 0.0                | 13.988    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.04               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.27                     | 0.27                       |                      |       | 0.27                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

#### 15:15 - 15:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 191.94               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.27                     | 0.27                       | 64.26                | 0.004 | 0.27                   | 0.0                  | 0.0                | 14.065    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.51               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                               |
| A-B    | 0.27                     | 0.27                       |                      |       | 0.27                   |                      |                    |           |                               |
| A-C    | 2.16                     | 2.16                       |                      |       | 2.16                   |                      |                    |           |                               |

#### 15:30 - 15:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.68               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.18                     | 0.18                       | 64.62                | 0.003 | 0.18                   | 0.0                  | 0.0                | 13.967    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.05               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.26                     | 0.26                       |                      |       | 0.26                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 15:45 - 16:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| в-с    | 0.00                     | 0.00                       | 192.34               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.18                     | 0.18                       | 64.22                | 0.003 | 0.18                   | 0.0                  | 0.0                | 14.054    | В                             |
| C-AB   | 0.00                     | 0.00                       | 134.38               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 2.24                     | 2.24                       |                      |       | 2.24                   |                      |                    |           |                               |
| A-B    | 0.26                     | 0.26                       |                      |       | 0.26                   |                      |                    |           |                               |
| A-C    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                               |

# 16:00 - 16:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.68               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| B-A    | 0.20                     | 0.20                       | 64.62                | 0.003 | 0.19                   | 0.0                  | 0.0                | 13.968    | В                                |
| C-AB   | 0.00                     | 0.00                       | 142.82               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| A-B    | 0.22                     | 0.22                       |                      |       | 0.22                   |                      |                    |           |                                  |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |

# 16:15 - 16:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.68               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.20                     | 0.20                       | 64.62                | 0.003 | 0.20                   | 0.0                  | 0.0                | 13.968    | В                             |
| C-AB   | 0.00                     | 0.00                       | 147.30               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      | · C^               |           |                               |
| A-B    | 0.22                     | 0.22                       |                      |       | 0.22                   |                      | \$                 | 1/-       |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    | <b>*</b>  |                               |

# 16:30 - 16:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.67               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | 703 A                            |
| B-A    | 0.23                     | 0.23                       | 64.62                | 0.004 | 0.23                   | 0.0                  | 0.0                | 13.975    | Ø₿                               |
| C-AB   | 0.00                     | 0.00                       | 149.66               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| A-B    | 0.19                     | 0.19                       |                      |       | 0.19                   |                      |                    |           |                                  |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |

#### 16:45 - 17:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.33               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.23                     | 0.23                       | 64.49                | 0.004 | 0.23                   | 0.0                  | 0.0                | 14.004    | В                             |
| C-AB   | 0.00                     | 0.00                       | 150.60               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.19                     | 0.19                       |                      |       | 0.19                   |                      |                    |           |                               |
| A-C    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                               |

#### 17:00 - 17:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.40               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.16                     | 0.16                       | 64.50                | 0.003 | 0.16                   | 0.0                  | 0.0                | 13.988    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.25               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.10                     | 0.10                       |                      |       | 0.10                   |                      |                    |           |                               |
| A-C    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                               |

#### 17:15 - 17:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.74               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.16                     | 0.16                       | 64.55                | 0.003 | 0.16                   | 0.0                  | 0.0                | 13.977    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.82               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                               |
| A-B    | 0.10                     | 0.10                       |                      |       | 0.10                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 17:30 - 17:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.62               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.34                     | 0.34                       | 64.64                | 0.005 | 0.34                   | 0.0                  | 0.0                | 13.996    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.00               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.05                     | 0.05                       |                      |       | 0.05                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

## 17:45 - 18:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 191.72               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 1.84                     | 1.84                       | 108.64               | 0.017 | 1.83                   | 0.0                  | 0.0                | 9.328     | Α                             |
| C-AB   | 0.00                     | 0.00                       | 151.81               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| А-В    | 0.05                     | 0.05                       |                      |       | 0.05                   |                      |                    |           |                               |
| A-C    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                               |

#### 18:00 - 18:15

| Stream   | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s)  | Unsignalised level of service |
|----------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|------------|-------------------------------|
| В-С      | 0.00                     | 0.00                       | 191.88               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000      | Α                             |
| B-A      | 1.63                     | 1.63                       | 119.37               | 0.014 | 1.63                   | 0.0                  | 0.0                | 8.038      | Α                             |
| C-AB     | 0.00                     | 0.00                       | 151.87               | 0.000 | 0.00                   | 0.0                  | 06                 | 0.000      | Α                             |
| C-A      | 0.00                     | 0.00                       |                      |       | 0.00                   |                      | , C                |            |                               |
| A-B      | 0.02                     | 0.02                       |                      |       | 0.02                   |                      | \$                 | 1/-        |                               |
| A-C      | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    | <b>(</b> ) |                               |
| 8:15 - 1 | 8:30                     |                            |                      | -     |                        | -                    | -                  | 70.        | -                             |
|          | Total Demand             | Junction                   | Capacity             |       | Throughput             | Start gueue          | End gueue          |            | Unsignalised                  |

#### 18:15 - 18:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 191.54               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | O A                           |
| B-A    | 1.63                     | 1.63                       | 119.26               | 0.014 | 1.63                   | 0.0                  | 0.0                | 7.650     | ZA.                           |
| C-AB   | 0.00                     | 0.00                       | 151.62               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.02                     | 0.02                       |                      |       | 0.02                   |                      |                    |           |                               |
| A-C    | 2.16                     | 2.16                       |                      |       | 2.16                   |                      |                    |           |                               |

#### 18:30 - 18:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 191.96               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 1.52                     | 1.52                       | 127.25               | 0.012 | 1.52                   | 0.0                  | 0.0                | 7.411     | А                             |
| C-AB   | 0.00                     | 0.00                       | 151.89               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 2.16                     | 2.16                       |                      |       | 2.16                   |                      |                    |           |                               |
| A-B    | 0.02                     | 0.02                       |                      |       | 0.02                   |                      |                    |           |                               |
| A-C    | 1.08                     | 1.08                       |                      |       | 1.08                   |                      |                    |           |                               |

#### 18:45 - 19:00

|        | 10.00                    |                            |                      |       |                        |                      |                    |           |                               |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
| В-С    | 0.00                     | 0.00                       | 192.86               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.02                     | 0.02                       | 82.66                | 0.000 | 0.03                   | 0.0                  | 0.0                | 7.111     | Α                             |
| C-AB   | 0.00                     | 0.00                       | 152.17               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.02                     | 0.02                       |                      |       | 0.02                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# opening yr +15 +dev +adj,

# **Data Errors and Warnings**

|          |                 | •                                       | 1/2   |
|----------|-----------------|---|---|
| Severity | Area            | Item                                    | Description   |
| Warning  | Minor arm flare | B - Site Access -<br>Minor arm geometry | Is flare very short? Estimated flare length is zero but has been increased to 1 because a zero flare length is not allowed. |
| Warning  | Major arm width | C - L10317 (N) - Major<br>arm geometry  | For two-way major roads, please interpret results with caution if the total major carriageway width is less than 6m.        |

# **Junction Network**

#### **Junctions**

| Junction | Name        | Junction type | Major road direction | Use circulating lanes | Junction Delay (s) | Junction LOS |
|----------|-------------|---------------|----------------------|-----------------------|--------------------|--------------|
| 5        | Site Access | T-Junction    | Two-way              |                       | 3.97               | Α            |

# **Junction Network Options**

| Driving side | Lighting       |
|--------------|----------------|
| Left         | Normal/unknown |

# **Traffic Demand**

#### **Demand Set Details**

| ID | Scenario name            | Traffic profile type | Start time<br>(HH:mm) | Finish time<br>(HH:mm) | Time period<br>length (min) | Time segment<br>length (min) | Run<br>automatically | Relationship<br>type | Relationship |  |
|----|--------------------------|----------------------|-----------------------|------------------------|-----------------------------|------------------------------|----------------------|----------------------|--------------|--|
| D9 | opening yr +15 +dev +adj | DIRECT               | 07:00                 | 19:00                  | 720                         | 15                           | ✓                    | Simple               | D6 +D3 +D4   |  |

| Vehicle mix varies over time | Vehicle mix varies over turn | Vehicle mix varies over<br>entry | Vehicle mix<br>source | PCU Factor for a HV<br>(PCU) | O-D data varies over time |
|------------------------------|------------------------------|----------------------------------|-----------------------|------------------------------|---------------------------|
| ✓                            | ✓                            | ✓                                | HV Percentages        | 2.00                         | ✓                         |

# **Demand overview (Traffic)**

| Arm             | Linked arm | Profile type | Use O-D data | Scaling Factor (%) |
|-----------------|------------|--------------|--------------|--------------------|
| A - L10317 (S)  |            | DIRECT       | ✓            | 100.000            |
| B - Site Access |            | DIRECT       | ✓            | 100.000            |
| C - L10317 (N)  |            | DIRECT       | ✓            | 100.000            |

# **Origin-Destination Data**

#### Demand (Veh/TS)

07:00 - 07:15

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
| From | A - L10317 (S)  | 0.00           | 0.56            | 0.00           |
| From | B - Site Access | 0.22           | 0.00            | 0.00           |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |

# Demand (Veh/TS)

07:15 - 07:30

|        | То              |                |                 |                |  |
|--------|-----------------|----------------|-----------------|----------------|--|
|        |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| From   | A - L10317 (S)  | 0.00           | 0.56            | 0.00           |  |
| FIOIII | B - Site Access | 0.22           | 0.00            | 0.00           |  |
|        | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

# Demand (Veh/TS)

07:30 - 07:45

| Demand (Ven/15) |                 |                |                 |                |  |
|-----------------|-----------------|----------------|-----------------|----------------|--|
|                 |                 | о              |                 |                |  |
|                 |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| From            | A - L10317 (S)  | 0.00           | 0.35            | 1.13           |  |
| 1 10111         | B - Site Access | 0.31           | 0.00            | 0.00           |  |
|                 | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

07:45 - 08:00

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0.00           | 0.35            | 0.00           |  |
| From | B - Site Access | 0.31           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

08:00 - 08:15

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0.00           | 0.33            | 0.00           |  |
| From | B - Site Access | 0.24           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 1.13           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

08:15 - 08:30

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0.00           | 0.33            | 0.00           |  |
| From | B - Site Access | 0.24           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

08:30 - 08:45

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0.00           | 0.29            | 0.00           |  |
| From | B - Site Access | 0.32           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 1.32           | 0.00            | 0.00           |  |

# Demand (Veh/TS)

08:45 - 09:00

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
| Fram | A - L10317 (S)  | 0.00           | 0.29            | 0.00           |
| From | B - Site Access | 0.32           | 0.00            | 0.00           |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |

# Demand (Veh/TS)

09:00 - 09:15

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| F    | A - L10317 (S)  | 0.00           | 0.37            | 1.13           |  |
| From | B - Site Access | 0.35           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

# Demand (Veh/TS)

09:15 - 09:30

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
| From |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0.00           | 0.37            | 0.00           |  |
|      | B - Site Access | 0.35           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 1.13           | 0.00            | 0.00           |  |

## Demand (Veh/TS)

09:30 - 09:45

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0.00           | 0.38            | 0.00           |  |
| From | B - Site Access | 0.28           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

09:45 - 10:00

|      | , ,             |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      | То              |                |                 |                |
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0.00           | 0.38            | 0.00           |
| From | B - Site Access | 0.28           | 0.00            | 0.00           |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |

# Demand (Veh/TS)

10:00 - 10:15

|      | To              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
| F    | A - L10317 (S)  | 0.00           | 0.22            | 0.00           |
| From | B - Site Access | 0.25           | 0.00            | 0.00           |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |

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10:15 - 10:30

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0.00           | 0.22            | 0.00           |  |
| From | B - Site Access | 0.25           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

10:30 - 10:45

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
| Fram | A - L10317 (S)  | 0.00           | 0.26            | 0.00           |
| From | B - Site Access | 0.27           | 0.00            | 0.00           |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |

#### Demand (Veh/TS)

10:45 - 11:00

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Eram | A - L10317 (S)  | 0.00           | 0.26            | 0.00           |  |
| From | B - Site Access | 0.27           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

11:00 - 11:15

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| F    | A - L10317 (S)  | 0.00           | 0.25            | 0.00           |  |
| From | B - Site Access | 0.24           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

# Demand (Veh/TS)

11:15 - 11:30

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| From | A - L10317 (S)  | 0.00           | 0.25            | 1.32           |  |
| From | B - Site Access | 0.24           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 1.13           | 0.00            | 0.00           |  |

# Demand (Veh/TS)

11:30 - 11:45

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
| From |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0.00           | 0.25            | 1.13           |  |
|      | B - Site Access | 0.22           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

# Demand (Veh/TS)

11:45 - 12:00

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0.00           | 0.25            | 1.32           |  |
| From | B - Site Access | 0.22           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

## Demand (Veh/TS)

12:00 - 12:15

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| F    | A - L10317 (S)  | 0.00           | 0.15            | 0.00           |  |
| From | B - Site Access | 0.22           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

12:15 - 12:30

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| From | A - L10317 (S)  | 0.00           | 1.65            | 1.32           |  |
|      | B - Site Access | 0.22           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

# Demand (Veh/TS)

12:30 - 12:45

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0.00           | 1.72            | 1.32           |
| From | B - Site Access | 0.24           | 0.00            | 0.00           |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |

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12:45 - 13:00

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
| From |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0.00           | 1.72            | 1.13           |  |
|      | B - Site Access | 0.24           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 1.13           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

13:00 - 13:15

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0.00           | 1.77            | 1.13           |  |
| From | B - Site Access | 0.29           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

13:15 - 13:30

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0.00           | 0.27            | 0.00           |  |
| From | B - Site Access | 0.29           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

13:30 - 13:45

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0.00           | 0.33            | 0.00           |
| From | B - Site Access | 0.35           | 0.00            | 0.00           |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |

# Demand (Veh/TS)

13:45 - 14:00

|        | То              |                |                 |                |  |
|--------|-----------------|----------------|-----------------|----------------|--|
|        |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| From   | A - L10317 (S)  | 0.00           | 0.33            | 1.13           |  |
| FIOIII | B - Site Access | 0.35           | 0.00            | 0.00           |  |
|        | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

# Demand (Veh/TS)

14:00 - 14:15

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
| From |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0.00           | 0.35            | 0.00           |
|      | B - Site Access | 0.31           | 0.00            | 0.00           |
|      | C - L10317 (N)  | 1.13           | 0.00            | 0.00           |

# Demand (Veh/TS)

14:15 - 14:30

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0.00           | 0.35            | 0.00           |  |
| From | B - Site Access | 0.31           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 1.13           | 0.00            | 0.00           |  |

## Demand (Veh/TS)

14:30 - 14:45

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0.00           | 0.31            | 0.00           |  |
| From | B - Site Access | 0.38           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

14:45 - 15:00

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
| F    | A - L10317 (S)  | 0.00           | 0.31            | 0.00           |
| From | B - Site Access | 0.38           | 0.00            | 0.00           |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |

# Demand (Veh/TS)

15:00 - 15:15

| Demand (ven/18) |                 |                |                 |                |  |
|-----------------|-----------------|----------------|-----------------|----------------|--|
|                 | То              |                |                 |                |  |
| From            |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|                 | A - L10317 (S)  | 0.00           | 0.27            | 0.00           |  |
|                 | B - Site Access | 0.27           | 0.00            | 0.00           |  |
|                 | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

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15:15 - 15:30

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
| From |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0.00           | 0.27            | 2.26           |  |
|      | B - Site Access | 0.27           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 1.13           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

15:30 - 15:45

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0.00           | 0.26            | 0.00           |  |
| From | B - Site Access | 0.18           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

15:45 - 16:00

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| From | A - L10317 (S)  | 0.00           | 0.26            | 1.13           |  |
|      | B - Site Access | 0.18           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 2.45           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

16:00 - 16:15

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0.00           | 0.22            | 0.00           |  |
| From | B - Site Access | 0.20           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

16:15 - 16:30

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0.00           | 0.22            | 0.00           |  |
| From | B - Site Access | 0.20           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

# Demand (Veh/TS)

16:30 - 16:45

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| F    | A - L10317 (S)  | 0.00           | 0.19            | 0.00           |  |
| From | B - Site Access | 0.23           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

# Demand (Veh/TS)

16:45 - 17:00

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| F    | A - L10317 (S)  | 0.00           | 0.19            | 1.13           |  |
| From | B - Site Access | 0.23           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

## Demand (Veh/TS)

17:00 - 17:15

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| F    | A - L10317 (S)  | 0.00           | 0.10            | 1.13           |  |
| From | B - Site Access | 0.16           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

17:15 - 17:30

|      | , ,             |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      | То              |                |                 |                |
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0.00           | 0.10            | 0.00           |
| From | B - Site Access | 0.16           | 0.00            | 0.00           |
|      | C - L10317 (N)  | 1.13           | 0.00            | 0.00           |

# Demand (Veh/TS)

17:30 - 17:45

| Demand (Ven/18) |                 |                |                 |                |  |
|-----------------|-----------------|----------------|-----------------|----------------|--|
|                 | То              |                |                 |                |  |
|                 |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram            | A - L10317 (S)  | 0.00           | 0.05            | 0.00           |  |
| From            | B - Site Access | 0.34           | 0.00            | 0.00           |  |
|                 | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

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17:45 - 18:00

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
| From |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0.00           | 0.05            | 1.13           |  |
|      | B - Site Access | 1.84           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

# Demand (Veh/TS)

18:00 - 18:15

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0.00           | 0.02            | 1.13           |  |
| From | B - Site Access | 1.63           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

18:15 - 18:30

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| F    | A - L10317 (S)  | 0.00           | 0.02            | 2.26           |  |
| From | B - Site Access | 1.63           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

18:30 - 18:45

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0.00           | 0.02            | 1.13           |  |
| From | B - Site Access | 1.52           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 2.26           | 0.00            | 0.00           |  |

#### Demand (Veh/TS)

18:45 - 19:00

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0.00           | 0.02            | 0.00           |  |
| From | B - Site Access | 0.02           | 0.00            | 0.00           |  |
|      | C - L10317 (N)  | 0.00           | 0.00            | 0.00           |  |

# **Vehicle Mix**

#### **Heavy Vehicle Percentages**

07:00 - 07:15

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| F    | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

07:15 - 07:30

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| F    | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

# **Heavy Vehicle Percentages**

07:30 - 07:45

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| F    | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

# **Heavy Vehicle Percentages**

07:45 - 08:00

| neavy verificie i erecitages |                 |                |                 |                |  |
|------------------------------|-----------------|----------------|-----------------|----------------|--|
|                              | То              |                |                 |                |  |
|                              |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| F                            | A - L10317 (S)  | 0              | 100             | 0              |  |
| From                         | B - Site Access | 100            | 0               | 0              |  |
|                              | C - L10317 (N)  | 0              | 0               | 0              |  |

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08:00 - 08:15

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

08:15 - 08:30

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

08:30 - 08:45

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 100            | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

08:45 - 09:00

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

09:00 - 09:15

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

# **Heavy Vehicle Percentages**

09:15 - 09:30

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
| From |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0              | 100             | 0              |
|      | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

# **Heavy Vehicle Percentages**

09:30 - 09:45

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| F    | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

09:45 - 10:00

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| F    | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

10:00 - 10:15

| •    |                 | •              |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      | То              |                |                 |                |
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
| F    | A - L10317 (S)  | 0              | 100             | 0              |
| From | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

# **Heavy Vehicle Percentages**

10:15 - 10:30

|      | To              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
| F    | A - L10317 (S)  | 0              | 100             | 0              |
| From | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

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10:30 - 10:45

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
| From |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0              | 100             | 0              |  |
|      | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

10:45 - 11:00

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| From | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

11:00 - 11:15

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

11:15 - 11:30

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
| F    | A - L10317 (S)  | 0              | 100             | 100            |
| From | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

#### **Heavy Vehicle Percentages**

11:30 - 11:45

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| From | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

# **Heavy Vehicle Percentages**

11:45 - 12:00

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
| From |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0              | 100             | 100            |  |
|      | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

# **Heavy Vehicle Percentages**

12:00 - 12:15

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
| F    | A - L10317 (S)  | 0              | 100             | 0              |
| From | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

#### **Heavy Vehicle Percentages**

12:15 - 12:30

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0              | 9               | 100            |
| From | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

#### **Heavy Vehicle Percentages**

12:30 - 12:45

| •    | <u> </u>        |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      | То              |                |                 |                |
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
| F    | A - L10317 (S)  | 0              | 13              | 100            |
| From | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

# **Heavy Vehicle Percentages**

12:45 - 13:00

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0              | 13              | 0              |
| From | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

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13:00 - 13:15

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
| From |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0              | 15              | 0              |  |
|      | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

13:15 - 13:30

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| F    | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

13:30 - 13:45

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

13:45 - 14:00

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0              | 100             | 0              |
| From | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

#### **Heavy Vehicle Percentages**

14:00 - 14:15

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| Fram | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

# **Heavy Vehicle Percentages**

14:15 - 14:30

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
| From |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0              | 100             | 0              |
|      | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

# **Heavy Vehicle Percentages**

14:30 - 14:45

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
| F    | A - L10317 (S)  | 0              | 100             | 0              |
| From | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

#### **Heavy Vehicle Percentages**

14:45 - 15:00

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0              | 100             | 0              |  |
| From | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

15:00 - 15:15

| •    |                 | •              |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      | То              |                |                 |                |
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0              | 100             | 0              |
| From | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

# **Heavy Vehicle Percentages**

15:15 - 15:30

|      | To              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0              | 100             | 0              |
| From | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

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15:30 - 15:45

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
| From |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0              | 100             | 0              |  |
|      | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

15:45 - 16:00

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
| From |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0              | 100             | 0              |  |
|      | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 54             | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

16:00 - 16:15

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
| From |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
|      | A - L10317 (S)  | 0              | 100             | 0              |  |
|      | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

#### **Heavy Vehicle Percentages**

16:15 - 16:30

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0              | 100             | 0              |
| From | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

#### **Heavy Vehicle Percentages**

16:30 - 16:45

|      | То              |                |                 |                |  |
|------|-----------------|----------------|-----------------|----------------|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |
| From | A - L10317 (S)  | 0              | 100             | 0              |  |
| FIOM | B - Site Access | 100            | 0               | 0              |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |

# **Heavy Vehicle Percentages**

16:45 - 17:00

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
| From |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0              | 100             | 0              |
|      | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

# **Heavy Vehicle Percentages**

17:00 - 17:15

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0              | 100             | 0              |
| From | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

#### **Heavy Vehicle Percentages**

17:15 - 17:30

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0              | 100             | 0              |
| From | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

#### **Heavy Vehicle Percentages**

17:30 - 17:45

| •    |                 | •              |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      | То              |                |                 |                |
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
| F    | A - L10317 (S)  | 0              | 100             | 0              |
| From | B - Site Access | 100            | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

# **Heavy Vehicle Percentages**

17:45 - 18:00

|      | То              |                |                 |                |
|------|-----------------|----------------|-----------------|----------------|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
|      | A - L10317 (S)  | 0              | 100             | 0              |
| From | B - Site Access | 19             | 0               | 0              |
|      | C - L10317 (N)  | 0              | 0               | 0              |

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18:00 - 18:15

|       |                 | Т              | 'o              |                |
|-------|-----------------|----------------|-----------------|----------------|
|       |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |
| F==== | A - L10317 (S)  | 0              | 100             | 0              |
| From  | B - Site Access | 8              | 0               | 0              |
|       | C - L10317 (N)  | 0              | 0               | 0              |

#### **Heavy Vehicle Percentages**

18:15 - 18:30

|      | То              |                |                 |                |  |  |  |  |  |  |  |
|------|-----------------|----------------|-----------------|----------------|--|--|--|--|--|--|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |  |  |  |  |  |  |
| Fram | A - L10317 (S)  | 0              | 100             | 0              |  |  |  |  |  |  |  |
| From | B - Site Access | 8              | 0               | 0              |  |  |  |  |  |  |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |  |  |  |  |  |  |

#### **Heavy Vehicle Percentages**

18:30 - 18:45

|      | То              |                |                 |                |  |  |  |  |  |  |  |
|------|-----------------|----------------|-----------------|----------------|--|--|--|--|--|--|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |  |  |  |  |  |  |
| From | A - L10317 (S)  | 0              | 100             | 0              |  |  |  |  |  |  |  |
| From | B - Site Access | 1              | 0               | 0              |  |  |  |  |  |  |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |  |  |  |  |  |  |

#### **Heavy Vehicle Percentages**

18:45 - 19:00

|      | То              |                |                 |                |  |  |  |  |  |  |  |
|------|-----------------|----------------|-----------------|----------------|--|--|--|--|--|--|--|
|      |                 | A - L10317 (S) | B - Site Access | C - L10317 (N) |  |  |  |  |  |  |  |
| F    | A - L10317 (S)  | 0              | 100             | 0              |  |  |  |  |  |  |  |
| From | B - Site Access | 100            | 0               | 0              |  |  |  |  |  |  |  |
|      | C - L10317 (N)  | 0              | 0               | 0              |  |  |  |  |  |  |  |

# Results

# Results Summary for whole modelled period

| Stream | Max RFC | Max Delay (s) | Max Queue (Veh) | Max LOS | Average Demand (Veh/TS) | Total Junction<br>Arrivals (Veh) |
|--------|---------|---------------|-----------------|---------|-------------------------|----------------------------------|
| В-С    | 0.00    | 0.00          | 0.0             | Α       | 0.00                    | 0.00                             |
| B-A    | 0.02    | 14.07         | 0.0             | В       | 0.38                    | 18.00                            |
| C-AB   | 0.00    | 0.00          | 0.0             | Α       | 0.00                    | 0.00                             |
| C-A    |         |               |                 |         | 0.31                    | 15.09                            |
| A-B    |         |               |                 |         | 0.38                    | 18.00                            |
| A-C    |         |               |                 |         | 0.49                    | 23.38                            |

# Main Results for each time segment

07:00 - 07:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.58               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.22                     | 0.22                       | 64.59                | 0.003 | 0.22                   | 0.0                  | 0.0                | 13.982    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.90               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.56                     | 0.56                       |                      |       | 0.56                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

#### 07:15 - 07:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.58               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| B-A    | 0.22                     | 0.22                       | 64.59                | 0.003 | 0.22                   | 0.0                  | 0.0                | 13.982    | В                                |
| C-AB   | 0.00                     | 0.00                       | 151.90               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| А-В    | 0.56                     | 0.56                       |                      |       | 0.56                   |                      |                    |           |                                  |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |



# 07:30 - 07:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.21               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.31                     | 0.31                       | 64.47                | 0.005 | 0.31                   | 0.0                  | 0.0                | 14.026    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.72               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      | · C^               |           |                               |
| A-B    | 0.35                     | 0.35                       |                      |       | 0.35                   |                      | \$                 | 11-       |                               |
| A-C    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                               |

# 07:45 - 08:00

| A-C       | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |                                  |  |  |  |
|-----------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|--|----------------------------------|--|--|--|
| 07:45 - 0 | 07:45 - 08:00            |                            |                      |       |                        |                      |                    |  |                                  |  |  |  |
| Stream    | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s)                              | Unsignalised<br>level of service |  |  |  |
| B-C       | 0.00                     | 0.00                       | 192.56               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000                                  | O <sub>2</sub> A                 |  |  |  |
| B-A       | 0.31                     | 0.31                       | 64.61                | 0.005 | 0.31                   | 0.0                  | 0.0                | 13.996                                 | В                                |  |  |  |
| C-AB      | 0.00                     | 0.00                       | 152.00               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000                                  | Α                                |  |  |  |
| C-A       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |  |                                  |  |  |  |
| A-B       | 0.35                     | 0.35                       |                      |       | 0.35                   |                      |                    |  |                                  |  |  |  |
| A-C       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |  |                                  |  |  |  |

#### 08:00 - 08:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.62               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.24                     | 0.24                       | 64.52                | 0.004 | 0.24                   | 0.0                  | 0.0                | 14.002    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.02               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                               |
| A-B    | 0.33                     | 0.33                       |                      |       | 0.33                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

#### 08:15 - 08:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.62               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.24                     | 0.24                       | 64.61                | 0.004 | 0.24                   | 0.0                  | 0.0                | 13.983    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.02               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.33                     | 0.33                       |                      |       | 0.33                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

#### 08:30 - 08:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.57               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.32                     | 0.32                       | 64.41                | 0.005 | 0.32                   | 0.0                  | 0.0                | 14.042    | В                             |
| C-AB   | 0.00                     | 0.00                       | 121.63               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 1.32                     | 1.32                       |                      |       | 1.32                   |                      |                    |           |                               |
| A-B    | 0.29                     | 0.29                       |                      |       | 0.29                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 08:45 - 09:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.57               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.32                     | 0.32                       | 64.61                | 0.005 | 0.32                   | 0.0                  | 0.0                | 13.997    | В                             |
| C-AB   | 0.00                     | 0.00                       | 135.14               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.29                     | 0.29                       |                      |       | 0.29                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 09:00 - 09:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.18               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| B-A    | 0.35                     | 0.35                       | 64.46                | 0.005 | 0.35                   | 0.0                  | 0.0                | 14.036    | В                                |
| C-AB   | 0.00                     | 0.00                       | 142.79               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| А-В    | 0.37                     | 0.37                       |                      |       | 0.37                   |                      |                    |           |                                  |
| A-C    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                                  |

#### 09:15 - 09:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.53               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.35                     | 0.35                       | 64.52                | 0.005 | 0.35                   | 0.0                  | 0.0                | 14.024    | В                             |
| C-AB   | 0.00                     | 0.00                       | 147.39               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      | · C^               |           |                               |
| A-B    | 0.37                     | 0.37                       |                      |       | 0.37                   |                      | \$                 | 1/-       |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 09:30 - 09:45

| A-C       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
|-----------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| 09:30 - 0 | 9:45                     |                            |                      |       |                        |                      |                    | 70        |                               |
| Stream    | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
| B-C       | 0.00                     | 0.00                       | 192.58               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | 0, A                          |
| B-A       | 0.28                     | 0.28                       | 64.60                | 0.004 | 0.28                   | 0.0                  | 0.0                | 13.993    | B                             |
| C-AB      | 0.00                     | 0.00                       | 149.65               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B       | 0.38                     | 0.38                       |                      |       | 0.38                   |                      |                    |           |                               |
| A-C       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 09:45 - 10:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.58               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.28                     | 0.28                       | 64.60                | 0.004 | 0.28                   | 0.0                  | 0.0                | 13.993    | В                             |
| C-AB   | 0.00                     | 0.00                       | 150.81               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.38                     | 0.38                       |                      |       | 0.38                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

#### 10:00 - 10:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.64               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.25                     | 0.25                       | 64.62                | 0.004 | 0.25                   | 0.0                  | 0.0                | 13.981    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.48               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.22                     | 0.22                       |                      |       | 0.22                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

#### 10:15 - 10:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.64               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.25                     | 0.25                       | 64.62                | 0.004 | 0.25                   | 0.0                  | 0.0                | 13.981    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.77               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.22                     | 0.22                       |                      |       | 0.22                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 10:30 - 10:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.62               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.27                     | 0.27                       | 64.62                | 0.004 | 0.26                   | 0.0                  | 0.0                | 13.984    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.90               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.26                     | 0.26                       |                      |       | 0.26                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 10:45 - 11:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.62               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| B-A    | 0.27                     | 0.27                       | 64.62                | 0.004 | 0.26                   | 0.0                  | 0.0                | 13.984    | В                                |
| C-AB   | 0.00                     | 0.00                       | 151.98               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| A-B    | 0.26                     | 0.26                       |                      |       | 0.26                   |                      |                    |           |                                  |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |

# 11:00 - 11:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.64               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.24                     | 0.24                       | 64.62                | 0.004 | 0.24                   | 0.0                  | 0.0                | 13.978    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.02               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      | · C^               |           |                               |
| A-B    | 0.25                     | 0.25                       |                      |       | 0.25                   |                      | \$                 | 11-       |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    | <b>1</b>  |                               |

# 11:15 - 11:30

| A-C       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
|-----------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| 11:15 - 1 | 1:30                     |                            |                      |       |                        |                      |                    | 70        |                               |
| Stream    | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
| B-C       | 0.00                     | 0.00                       | 191.82               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | S A                           |
| B-A       | 0.24                     | 0.24                       | 64.20                | 0.004 | 0.24                   | 0.0                  | 0.0                | 14.069    | B                             |
| C-AB      | 0.00                     | 0.00                       | 151.39               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A       | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                               |
| A-B       | 0.25                     | 0.25                       |                      |       | 0.25                   |                      |                    |           |                               |
| A-C       | 1.32                     | 1.32                       |                      |       | 1.32                   |                      |                    |           |                               |

#### 11:30 - 11:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.30               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.22                     | 0.22                       | 64.48                | 0.003 | 0.22                   | 0.0                  | 0.0                | 14.006    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.77               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.25                     | 0.25                       |                      |       | 0.25                   |                      |                    |           |                               |
| A-C    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                               |

#### 11:45 - 12:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 191.83               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.22                     | 0.22                       | 64.29                | 0.003 | 0.22                   | 0.0                  | 0.0                | 14.049    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.40               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.25                     | 0.25                       |                      |       | 0.25                   |                      |                    |           |                               |
| A-C    | 1.32                     | 1.32                       |                      |       | 1.32                   |                      |                    |           |                               |

#### 12:00 - 12:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.68               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.22                     | 0.22                       | 64.63                | 0.003 | 0.22                   | 0.0                  | 0.0                | 13.973    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.10               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.15                     | 0.15                       |                      |       | 0.15                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 12:15 - 12:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 191.67               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.22                     | 0.22                       | 64.23                | 0.003 | 0.22                   | 0.0                  | 0.0                | 14.061    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.08               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 1.65                     | 1.65                       |                      |       | 1.65                   |                      |                    |           |                               |
| A-C    | 1.32                     | 1.32                       |                      |       | 1.32                   |                      |                    |           |                               |

# 12:30 - 12:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| В-С    | 0.00                     | 0.00                       | 191.64               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| B-A    | 0.24                     | 0.24                       | 64.22                | 0.004 | 0.24                   | 0.0                  | 0.0                | 14.065    | В                                |
| C-AB   | 0.00                     | 0.00                       | 151.05               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| A-B    | 1.72                     | 1.72                       |                      |       | 1.72                   |                      |                    |           |                                  |
| A-C    | 1.32                     | 1.32                       |                      |       | 1.32                   |                      |                    |           |                                  |

#### 12:45 - 13:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| в-с    | 0.00                     | 0.00                       | 192.11               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.24                     | 0.24                       | 64.32                | 0.004 | 0.24                   | 0.0                  | 0.0                | 14.044    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.42               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      | · C^               |           |                               |
| A-B    | 1.72                     | 1.72                       |                      |       | 1.72                   |                      | \$                 | 1/-       |                               |
| A-C    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                               |

# 13:00 - 13:15

| A-C       | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    | $\langle \rangle$ |                                  |
|-----------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-------------------|----------------------------------|
| 13:00 - 1 | 3:15                     |                            |                      |       |                        |                      |                    | 70                |                                  |
| Stream    | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s)         | Unsignalised<br>level of service |
| B-C       | 0.00                     | 0.00                       | 192.06               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000             | 0, A                             |
| B-A       | 0.29                     | 0.29                       | 64.40                | 0.005 | 0.29                   | 0.0                  | 0.0                | 14.037            | В                                |
| C-AB      | 0.00                     | 0.00                       | 151.40               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000             | Α                                |
| C-A       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |                   |                                  |
| A-B       | 1.77                     | 1.77                       |                      |       | 1.77                   |                      |                    |                   |                                  |
| A-C       | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |                   |                                  |

# 13:15 - 13:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.60               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.29                     | 0.29                       | 64.61                | 0.005 | 0.29                   | 0.0                  | 0.0                | 13.991    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.04               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.27                     | 0.27                       |                      |       | 0.27                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

#### 13:30 - 13:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.54               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.35                     | 0.35                       | 64.61                | 0.005 | 0.35                   | 0.0                  | 0.0                | 14.004    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.02               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| А-В    | 0.33                     | 0.33                       |                      |       | 0.33                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

#### 13:45 - 14:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.19               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.35                     | 0.35                       | 64.47                | 0.005 | 0.35                   | 0.0                  | 0.0                | 14.035    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.74               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.33                     | 0.33                       |                      |       | 0.33                   |                      |                    |           |                               |
| A-C    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                               |

# 14:00 - 14:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.56               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.31                     | 0.31                       | 64.52                | 0.005 | 0.31                   | 0.0                  | 0.0                | 14.018    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.00               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                               |
| A-B    | 0.35                     | 0.35                       |                      |       | 0.35                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 14:15 - 14:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.56               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| B-A    | 0.31                     | 0.31                       | 64.52                | 0.005 | 0.31                   | 0.0                  | 0.0                | 14.015    | В                                |
| C-AB   | 0.00                     | 0.00                       | 152.00               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                                  |
| A-B    | 0.35                     | 0.35                       |                      |       | 0.35                   |                      |                    |           |                                  |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |

# 14:30 - 14:45

| Stream               | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |  |  |  |
|----------------------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|--|--|--|
| в-с                  | 0.00                     | 0.00                       | 192.52               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |  |  |  |
| B-A                  | 0.38                     | 0.38                       | 64.61                | 0.006 | 0.38                   | 0.0                  | 0.0                | 14.010    | В                                |  |  |  |
| C-AB                 | 0.00                     | 0.00                       | 152.02               | 0.000 | 0.00                   | 0.0                  | 0,6                | 0.000     | Α                                |  |  |  |
| C-A                  | 0.00                     | 0.00                       |                      |       | 0.00                   |                      | , C                |           |                                  |  |  |  |
| A-B                  | 0.31                     | 0.31                       |                      |       | 0.31                   |                      | \$                 | 11-       |                                  |  |  |  |
| A-C                  | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    | <b>T</b>  |                                  |  |  |  |
| <br> 4:45 <b>-</b> 1 | 4:45 - 15:00             |                            |                      |       |                        |                      |                    |           |                                  |  |  |  |
| _                    | Total Demand             | Junction                   | Canacity             |       | Throughput             | Start queue          | End queue          | - 0       | Unsignalised                     |  |  |  |

# 14:45 - 15:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.52               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | TO <sub>2</sub> A                |
| В-А    | 0.38                     | 0.38                       | 64.61                | 0.006 | 0.38                   | 0.0                  | 0.0                | 14.010    | Ø₿                               |
| C-AB   | 0.00                     | 0.00                       | 152.02               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| A-B    | 0.31                     | 0.31                       |                      |       | 0.31                   |                      |                    |           |                                  |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |

#### 15:00 - 15:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.61               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.27                     | 0.27                       | 64.61                | 0.004 | 0.27                   | 0.0                  | 0.0                | 13.985    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.04               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.27                     | 0.27                       |                      |       | 0.27                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

#### 15:15 - 15:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 191.91               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.27                     | 0.27                       | 64.25                | 0.004 | 0.27                   | 0.0                  | 0.0                | 14.068    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.49               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                               |
| А-В    | 0.27                     | 0.27                       |                      |       | 0.27                   |                      |                    |           |                               |
| A-C    | 2.26                     | 2.26                       |                      |       | 2.26                   |                      |                    |           |                               |

#### 15:30 - 15:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.68               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.18                     | 0.18                       | 64.62                | 0.003 | 0.18                   | 0.0                  | 0.0                | 13.967    | В                             |
| C-AB   | 0.00                     | 0.00                       | 152.05               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.26                     | 0.26                       |                      |       | 0.26                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 15:45 - 16:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.33               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.18                     | 0.18                       | 64.18                | 0.003 | 0.18                   | 0.0                  | 0.0                | 14.061    | В                             |
| C-AB   | 0.00                     | 0.00                       | 133.76               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 2.45                     | 2.45                       |                      |       | 2.45                   |                      |                    |           |                               |
| A-B    | 0.26                     | 0.26                       |                      |       | 0.26                   |                      |                    |           |                               |
| A-C    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                               |

# 16:00 - 16:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.68               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| B-A    | 0.20                     | 0.20                       | 64.62                | 0.003 | 0.19                   | 0.0                  | 0.0                | 13.968    | В                                |
| C-AB   | 0.00                     | 0.00                       | 142.48               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| A-B    | 0.22                     | 0.22                       |                      |       | 0.22                   |                      |                    |           |                                  |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |

# 16:15 - 16:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.68               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.20                     | 0.20                       | 64.62                | 0.003 | 0.20                   | 0.0                  | 0.0                | 13.968    | В                             |
| C-AB   | 0.00                     | 0.00                       | 147.12               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      | · C^               |           |                               |
| A-B    | 0.22                     | 0.22                       |                      |       | 0.22                   |                      | \$                 | 1/-       |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 16:30 - 16:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.67               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | 703 A                            |
| B-A    | 0.23                     | 0.23                       | 64.62                | 0.004 | 0.23                   | 0.0                  | 0.0                | 13.975    | Ø₿                               |
| C-AB   | 0.00                     | 0.00                       | 149.57               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| A-B    | 0.19                     | 0.19                       |                      |       | 0.19                   |                      |                    |           |                                  |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |

#### 16:45 - 17:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.31               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.23                     | 0.23                       | 64.48                | 0.004 | 0.23                   | 0.0                  | 0.0                | 14.005    | В                             |
| C-AB   | 0.00                     | 0.00                       | 150.54               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.19                     | 0.19                       |                      |       | 0.19                   |                      |                    |           |                               |
| A-C    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                               |

#### 17:00 - 17:15

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| B-C    | 0.00                     | 0.00                       | 192.38               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.16                     | 0.16                       | 64.49                | 0.003 | 0.16                   | 0.0                  | 0.0                | 13.992    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.22               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.10                     | 0.10                       |                      |       | 0.10                   |                      |                    |           |                               |
| A-C    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                               |

#### 17:15 - 17:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.74               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 0.16                     | 0.16                       | 64.54                | 0.003 | 0.16                   | 0.0                  | 0.0                | 13.978    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.81               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                               |
| A-B    | 0.10                     | 0.10                       |                      |       | 0.10                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 17:30 - 17:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.62               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 0.34                     | 0.34                       | 64.64                | 0.005 | 0.34                   | 0.0                  | 0.0                | 13.996    | В                             |
| C-AB   | 0.00                     | 0.00                       | 151.99               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.05                     | 0.05                       |                      |       | 0.05                   |                      |                    |           |                               |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |

# 17:45 - 18:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 191.70               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| B-A    | 1.84                     | 1.84                       | 108.63               | 0.017 | 1.83                   | 0.0                  | 0.0                | 9.329     | Α                             |
| C-AB   | 0.00                     | 0.00                       | 151.80               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.05                     | 0.05                       |                      |       | 0.05                   |                      |                    |           |                               |
| A-C    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                               |

#### 18:00 - 18:15

| Stream    | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s)  | Unsignalised level of service |
|-----------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|------------|-------------------------------|
| В-С       | 0.00                     | 0.00                       | 191.86               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000      | Α                             |
| B-A       | 1.63                     | 1.63                       | 119.36               | 0.014 | 1.63                   | 0.0                  | 0.0                | 8.039      | Α                             |
| C-AB      | 0.00                     | 0.00                       | 151.85               | 0.000 | 0.00                   | 0.0                  | 016                | 0.000      | Α                             |
| C-A       | 0.00                     | 0.00                       |                      |       | 0.00                   |                      | , C                |            |                               |
| A-B       | 0.02                     | 0.02                       |                      |       | 0.02                   |                      | \$                 | 1/-        |                               |
| A-C       | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    | <b>(</b> ) |                               |
| 18:15 - 1 | 8:30                     |                            |                      | -     |                        |                      |                    | 70.        |                               |
| Stroom    | Total Demand             | Junction                   | Capacity             | DEC   | Throughput             | Start queue          | End queue          | Dolay (o   | Unsignalised                  |

# 18:15 - 18:30

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 191.51               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | O A                           |
| B-A    | 1.63                     | 1.63                       | 119.23               | 0.014 | 1.63                   | 0.0                  | 0.0                | 7.651     | ZA.                           |
| C-AB   | 0.00                     | 0.00                       | 151.59               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                               |
| A-B    | 0.02                     | 0.02                       |                      |       | 0.02                   |                      |                    |           |                               |
| A-C    | 2.26                     | 2.26                       |                      |       | 2.26                   |                      |                    |           |                               |

#### 18:30 - 18:45

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|-------------------------------|
| В-С    | 0.00                     | 0.00                       | 191.95               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| B-A    | 1.52                     | 1.52                       | 127.22               | 0.012 | 1.52                   | 0.0                  | 0.0                | 7.410     | А                             |
| C-AB   | 0.00                     | 0.00                       | 151.88               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                             |
| C-A    | 2.26                     | 2.26                       |                      |       | 2.26                   |                      |                    |           |                               |
| A-B    | 0.02                     | 0.02                       |                      |       | 0.02                   |                      |                    |           |                               |
| A-C    | 1.13                     | 1.13                       |                      |       | 1.13                   |                      |                    |           |                               |

#### 18:45 - 19:00

| Stream | Total Demand<br>(Veh/TS) | Junction<br>Arrivals (Veh) | Capacity<br>(Veh/TS) | RFC   | Throughput<br>(Veh/TS) | Start queue<br>(Veh) | End queue<br>(Veh) | Delay (s) | Unsignalised<br>level of service |
|--------|--------------------------|----------------------------|----------------------|-------|------------------------|----------------------|--------------------|-----------|----------------------------------|
| В-С    | 0.00                     | 0.00                       | 192.86               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | А                                |
| B-A    | 0.02                     | 0.02                       | 82.66                | 0.000 | 0.03                   | 0.0                  | 0.0                | 7.111     | А                                |
| C-AB   | 0.00                     | 0.00                       | 152.17               | 0.000 | 0.00                   | 0.0                  | 0.0                | 0.000     | Α                                |
| C-A    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |
| A-B    | 0.02                     | 0.02                       |                      |       | 0.02                   |                      |                    |           |                                  |
| A-C    | 0.00                     | 0.00                       |                      |       | 0.00                   |                      |                    |           |                                  |