

Basic Results Summary

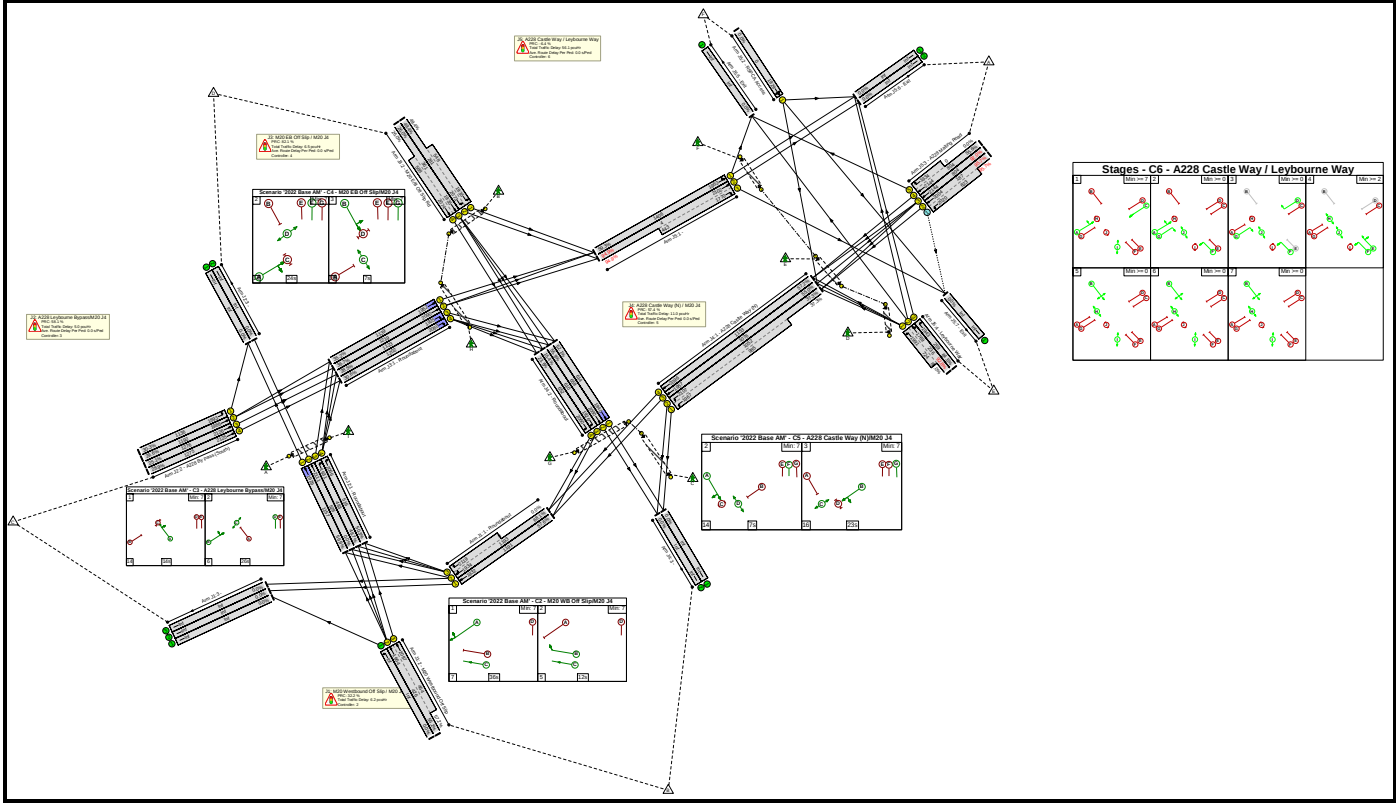
**Basic Results Summary**

**User and Project Details**

|                    |                 |
|--------------------|-----------------|
| Project:           |                 |
| Title:             |                 |
| Location:          |                 |
| Additional detail: |                 |
| File name:         | M20_J4-V1.lsg3x |
| Author:            |                 |
| Company:           |                 |
| Address:           |                 |

**Scenario 1: '2022 Base AM' (FG1: '2022 Base AM', Plan 1: 'Network Control Plan 1')**

**Network Layout Diagram**



## Basic Results Summary

## Network Results

| Item                                             | Lane Description             | Lane Type | Full Phase | Arrow Phase | Num Greens | Total Green (s) | Arrow Green (s) | Demand Flow (pcu) | Sat Flow (pcu/Hr) | Capacity (pcu) | Deg Sat (%)  | Turners In Gaps (pcu) | Turners When Unopposed (pcu) | Turners In Intergreen (pcu) | Total Delay (pcuHr) | Av. Delay Per PCU (s/pcu) | Mean Max Queue (pcu) |
|--------------------------------------------------|------------------------------|-----------|------------|-------------|------------|-----------------|-----------------|-------------------|-------------------|----------------|--------------|-----------------------|------------------------------|-----------------------------|---------------------|---------------------------|----------------------|
| <b>Network</b>                                   | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>95.7%</b> | <b>86</b>             | <b>510</b>                   | <b>0</b>                    | <b>84.7</b>         | -                         | -                    |
| <b>J1: M20 Westbound Off Slip / M20 Junction</b> | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>68.1%</b> | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>6.2</b>          | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C2:A       |             | 1          | 36              | -               | 686               | 1932              | 1191           | 57.6%        | -                     | -                            | -                           | 1.0                 | 5.4                       | 2.6                  |
| 1/2+1/3                                          | Roundabout Right Ahead       | U         | C2:A       |             | 1          | 36              | -               | 812               | 1934:2119         | 1193+0         | 68.1 : 0.0%  | -                     | -                            | -                           | 1.6                 | 7.1                       | 18.1                 |
| 2/2+2/3                                          | M20 Westbound Off Slip Ahead | U         | C2:B       |             | 1          | 12              | -               | 495               | 1964:2097         | 426+454        | 55.2 : 57.2% | -                     | -                            | -                           | 3.5                 | 25.6                      | 4.5                  |
| <b>J2: A228 Leybourne Bypass/M20 J4</b>          | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>56.9%</b> | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>5.0</b>          | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C3:B       |             | 1          | 35              | -               | 659               | 1929              | 1157           | 56.9%        | -                     | -                            | -                           | 0.8                 | 4.6                       | 1.3                  |
| 1/2                                              | Roundabout Ahead             | U         | C3:A       |             | 1          | 14              | -               | 0                 | 2111              | 528            | 0.0%         | -                     | -                            | -                           | 0.0                 | 0.0                       | 0.0                  |
| 1/3                                              | Roundabout Right             | U         | C3:A       |             | 1          | 14              | -               | 235               | 1931              | 483            | 48.7%        | -                     | -                            | -                           | 0.5                 | 8.3                       | 0.7                  |
| 1/4                                              | Roundabout Right             | U         | C3:A       |             | 1          | 14              | -               | 260               | 2066              | 516            | 50.3%        | -                     | -                            | -                           | 0.6                 | 8.1                       | 0.8                  |
| 2/1                                              | A228 By Pass (South) Left    | U         | C3:B       |             | 1          | 35              | -               | 344               | 1893              | 1136           | 30.3%        | -                     | -                            | -                           | 0.8                 | 8.1                       | 3.0                  |
| 2/2                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 35              | -               | 353               | 1986              | 1192           | 29.6%        | -                     | -                            | -                           | 0.8                 | 8.0                       | 3.1                  |
| 2/3                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 35              | -               | 320               | 2126              | 1276           | 25.1%        | -                     | -                            | -                           | 0.7                 | 7.5                       | 2.7                  |
| 2/4                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 35              | -               | 368               | 2125              | 1275           | 28.9%        | -                     | -                            | -                           | 0.8                 | 7.8                       | 3.2                  |
| Ped Link: P1                                     | Unnamed Ped Link             | -         | C3:C       |             | 1          | 26              | -               | 0                 | -                 | 31200          | 0.0%         | -                     | -                            | -                           | 0.0                 | 0.0                       | 0.0                  |
| <b>J3: M20 EB Off Slip / M20 J4</b>              | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>49.4%</b> | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>6.5</b>          | -                         | -                    |

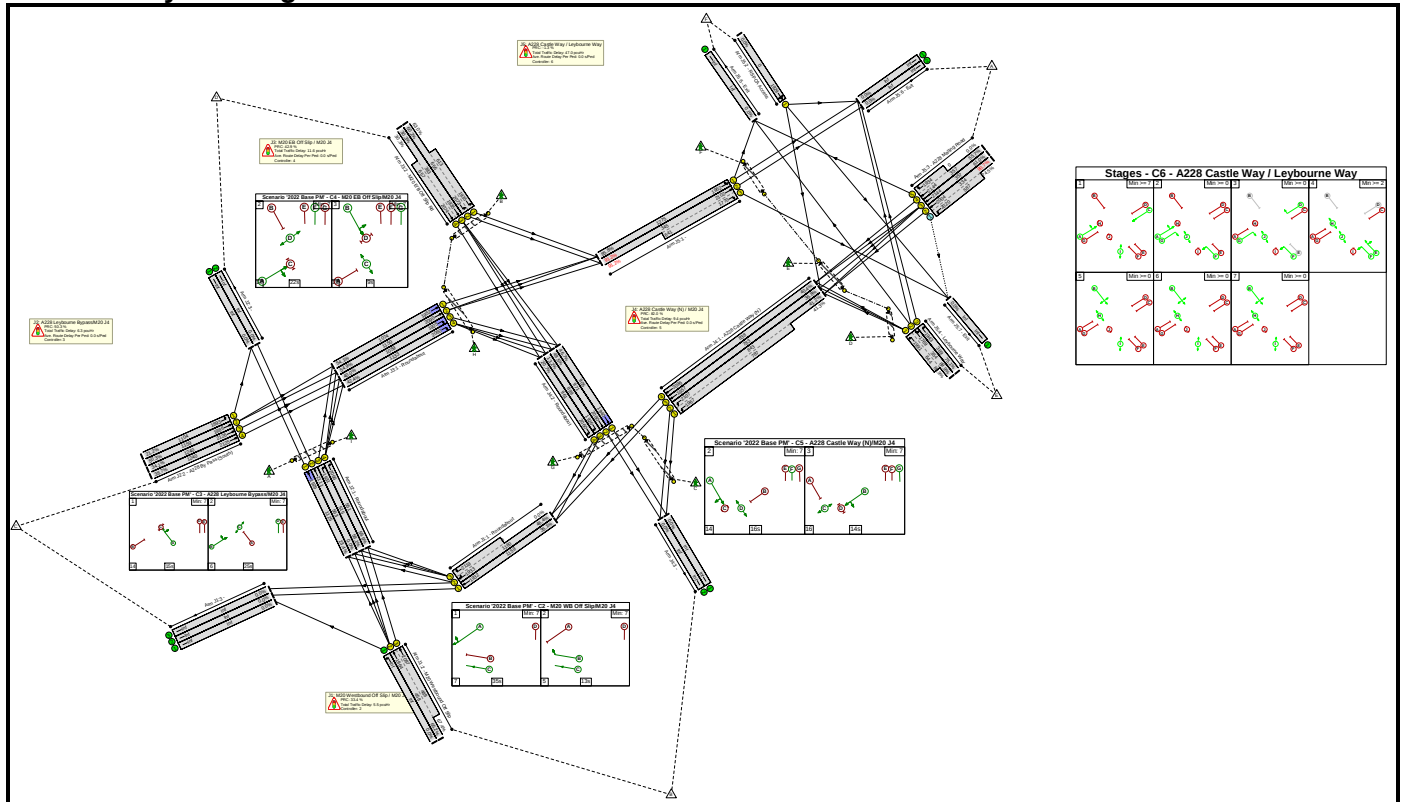
# Basic Results Summary

|                                         |                           |   |      |  |   |    |   |     |           |          |              |          |          |          |             |      |     |
|-----------------------------------------|---------------------------|---|------|--|---|----|---|-----|-----------|----------|--------------|----------|----------|----------|-------------|------|-----|
| 1/1                                     | Roundabout Ahead          | U | C4:A |  | 1 | 34 | - | 401 | 1952      | 1139     | 35.2%        | -        | -        | -        | 0.5         | 4.9  | 2.0 |
| 1/2                                     | Roundabout Ahead          | U | C4:A |  | 1 | 34 | - | 447 | 2090      | 1219     | 36.7%        | -        | -        | -        | 0.6         | 4.8  | 2.2 |
| 1/3                                     | Roundabout Right          | U | C4:A |  | 1 | 34 | - | 320 | 1925      | 1123     | 28.5%        | -        | -        | -        | 0.7         | 8.2  | 2.3 |
| 1/4                                     | Roundabout Right          | U | C4:A |  | 1 | 34 | - | 368 | 2060      | 1202     | 30.6%        | -        | -        | -        | 0.8         | 8.0  | 2.5 |
| 2/2+2/1                                 | M20 E/B Off Slip Rd Left  | U | C4:B |  | 1 | 16 | - | 410 | 2073:1935 | 281+548  | 49.4 : 49.4% | -        | -        | -        | 2.5         | 21.7 | 4.3 |
| 2/3+2/4                                 | M20 E/B Off Slip Rd Ahead | U | C4:B |  | 1 | 16 | - | 247 | 1935:2074 | 361+588  | 26.0 : 26.0% | -        | -        | -        | 1.3         | 19.1 | 2.1 |
| Ped Link: P1                            | Unnamed Ped Link          | - | C4:D |  | 1 | 24 | - | 0   | -         | 28800    | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0 |
| Ped Link: P2                            | Unnamed Ped Link          | - | C4:C |  | 1 | 7  | - | 0   | -         | 8400     | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0 |
| <b>J4: A228 Castle Way (N) / M20 J4</b> | -                         | - | -    |  | - | -  | - | -   | -         | -        | <b>57.2%</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>11.0</b> | -    | -   |
| 1/2+1/1                                 | A228 Castle Way (N) Left  | U | C5:B |  | 1 | 32 | - | 759 | 2107:1967 | 1052+985 | 37.3 : 37.3% | -        | -        | -        | 1.9         | 8.9  | 3.9 |
| 1/3                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 32 | - | 592 | 1957      | 1076     | 55.0%        | -        | -        | -        | 2.0         | 12.4 | 6.9 |
| 1/4                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 32 | - | 659 | 2096      | 1153     | 57.2%        | -        | -        | -        | 2.3         | 12.5 | 7.8 |
| 2/1                                     | Roundabout Ahead          | U | C5:A |  | 1 | 18 | - | 320 | 1940      | 614      | 52.1%        | -        | -        | -        | 1.8         | 20.6 | 5.8 |
| 2/2                                     | Roundabout Ahead          | U | C5:A |  | 1 | 18 | - | 368 | 2080      | 659      | 55.9%        | -        | -        | -        | 2.1         | 20.9 | 6.7 |
| 2/3                                     | Roundabout Right          | U | C5:A |  | 1 | 18 | - | 94  | 1926      | 610      | 15.4%        | -        | -        | -        | 0.3         | 11.7 | 0.4 |
| 2/4                                     | Roundabout Right          | U | C5:A |  | 1 | 18 | - | 153 | 2060      | 652      | 23.5%        | -        | -        | -        | 0.5         | 12.3 | 0.8 |
| Ped Link: P1                            | Unnamed Ped Link          | - | C5:D |  | 1 | 7  | - | 0   | -         | 8400     | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0 |
| Ped Link: P2                            | Unnamed Ped Link          | - | C5:C |  | 1 | 23 | - | 0   | -         | 27600    | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0 |

## Basic Results Summary

[illegible]

## Network Layout Diagram



## Basic Results Summary

## Network Results

| Item                                             | Lane Description             | Lane Type | Full Phase | Arrow Phase | Num Greens | Total Green (s) | Arrow Green (s) | Demand Flow (pcu) | Sat Flow (pcu/Hr) | Capacity (pcu) | Deg Sat (%)  | Turners In Gaps (pcu) | Turners When Unopposed (pcu) | Turners In Intergreen (pcu) | Total Delay (pcuHr) | Av. Delay Per PCU (s/pcu) | Mean Max Queue (pcu) |
|--------------------------------------------------|------------------------------|-----------|------------|-------------|------------|-----------------|-----------------|-------------------|-------------------|----------------|--------------|-----------------------|------------------------------|-----------------------------|---------------------|---------------------------|----------------------|
| <b>Network</b>                                   | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>91.2%</b> | <b>152</b>            | <b>285</b>                   | <b>0</b>                    | <b>79.8</b>         | -                         | -                    |
| <b>J1: M20 Westbound Off Slip / M20 Junction</b> | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>67.4%</b> | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>5.5</b>          | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C2:A       |             | 1          | 35              | -               | 407               | 1932              | 1159           | 35.1%        | -                     | -                            | -                           | 0.4                 | 3.3                       | 1.5                  |
| 1/2+1/3                                          | Roundabout Right Ahead       | U         | C2:A       |             | 1          | 35              | -               | 538               | 1933:2119         | 1160+0         | 46.4 : 0.0%  | -                     | -                            | -                           | 0.5                 | 3.1                       | 14.3                 |
| 2/2+2/3                                          | M20 Westbound Off Slip Ahead | U         | C2:B       |             | 1          | 13              | -               | 629               | 1964:2097         | 458+489        | 65.2 : 67.4% | -                     | -                            | -                           | 4.6                 | 26.5                      | 5.9                  |
| <b>J2: A228 Leybourne Bypass/M20 J4</b>          | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>59.9%</b> | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>6.3</b>          | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C3:B       |             | 1          | 34              | -               | 263               | 1929              | 1125           | 23.4%        | -                     | -                            | -                           | 0.2                 | 2.1                       | 0.2                  |
| 1/2                                              | Roundabout Ahead             | U         | C3:A       |             | 1          | 15              | -               | 0                 | 2111              | 563            | 0.0%         | -                     | -                            | -                           | 0.0                 | 0.0                       | 0.0                  |
| 1/3                                              | Roundabout Right             | U         | C3:A       |             | 1          | 15              | -               | 299               | 1931              | 515            | 58.1%        | -                     | -                            | -                           | 0.8                 | 9.8                       | 0.9                  |
| 1/4                                              | Roundabout Right             | U         | C3:A       |             | 1          | 15              | -               | 330               | 2066              | 551            | 59.9%        | -                     | -                            | -                           | 0.9                 | 9.6                       | 0.9                  |
| 2/1                                              | A228 By Pass (South) Left    | U         | C3:B       |             | 1          | 34              | -               | 234               | 1893              | 1104           | 21.2%        | -                     | -                            | -                           | 0.5                 | 8.0                       | 2.0                  |
| 2/2                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 34              | -               | 583               | 1986              | 1159           | 50.3%        | -                     | -                            | -                           | 1.7                 | 10.5                      | 6.2                  |
| 2/3                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 34              | -               | 423               | 2126              | 1240           | 34.1%        | -                     | -                            | -                           | 1.0                 | 8.7                       | 3.9                  |
| 2/4                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 34              | -               | 480               | 2125              | 1240           | 38.7%        | -                     | -                            | -                           | 1.2                 | 9.1                       | 4.6                  |
| Ped Link: P1                                     | Unnamed Ped Link             | -         | C3:C       |             | 1          | 25              | -               | 0                 | -                 | 30000          | 0.0%         | -                     | -                            | -                           | 0.0                 | 0.0                       | 0.0                  |
| <b>J3: M20 EB Off Slip / M20 J4</b>              | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>63.0%</b> | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>11.6</b>         | -                         | -                    |

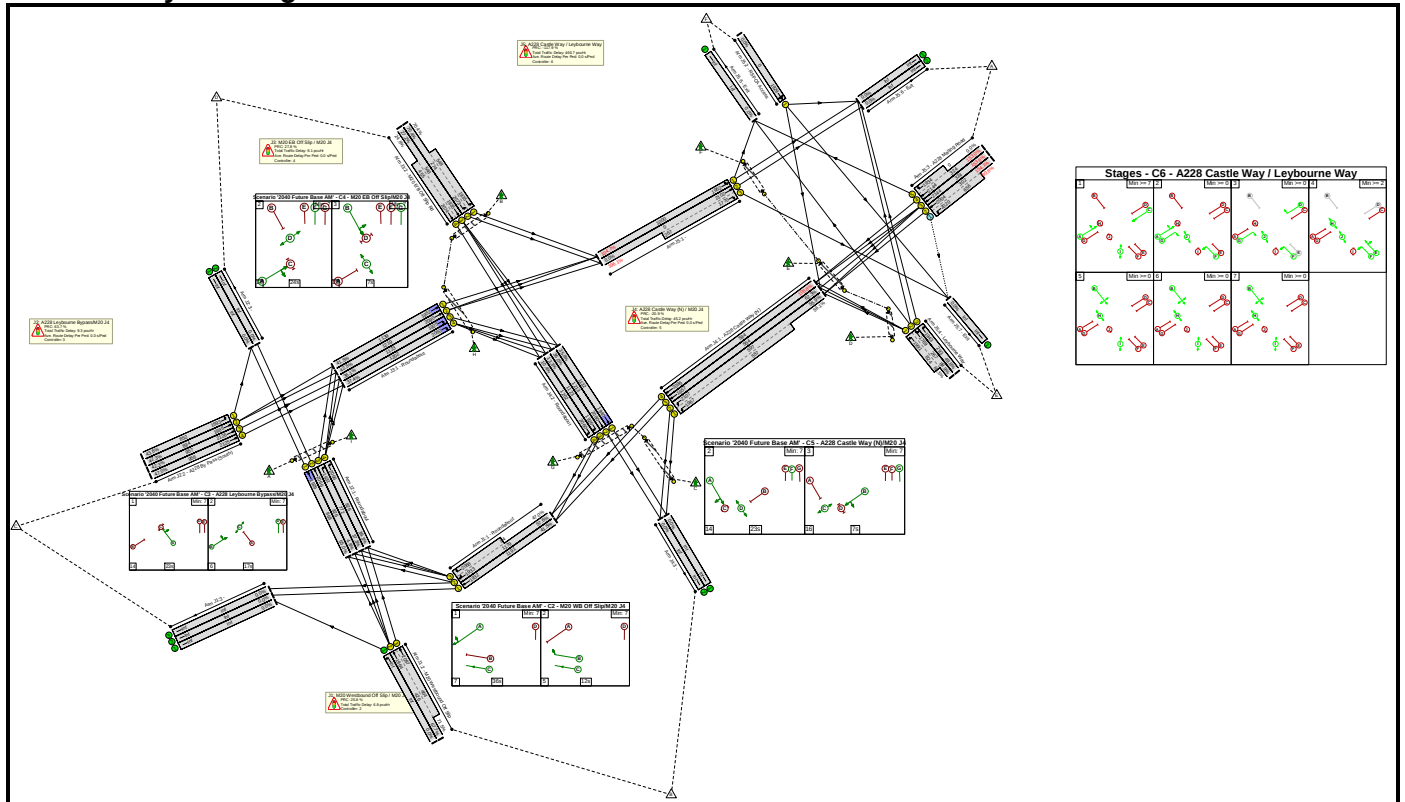
# Basic Results Summary

|                                         |                           |   |      |  |   |    |   |     |           |         |              |          |          |          |            |      |     |
|-----------------------------------------|---------------------------|---|------|--|---|----|---|-----|-----------|---------|--------------|----------|----------|----------|------------|------|-----|
| 1/1                                     | Roundabout Ahead          | U | C4:A |  | 1 | 32 | - | 581 | 1952      | 1074    | 54.1%        | -        | -        | -        | 1.7        | 10.5 | 6.7 |
| 1/2                                     | Roundabout Ahead          | U | C4:A |  | 1 | 32 | - | 631 | 2090      | 1150    | 54.9%        | -        | -        | -        | 1.8        | 10.4 | 7.3 |
| 1/3                                     | Roundabout Right          | U | C4:A |  | 1 | 32 | - | 423 | 1925      | 1059    | 40.0%        | -        | -        | -        | 0.9        | 7.9  | 2.0 |
| 1/4                                     | Roundabout Right          | U | C4:A |  | 1 | 32 | - | 480 | 2060      | 1133    | 42.4%        | -        | -        | -        | 1.0        | 7.5  | 2.1 |
| 2/2+2/1                                 | M20 E/B Off Slip Rd Left  | U | C4:B |  | 1 | 18 | - | 781 | 2073:1935 | 656+613 | 60.2 : 63.0% | -        | -        | -        | 4.6        | 21.1 | 6.3 |
| 2/3+2/4                                 | M20 E/B Off Slip Rd Ahead | U | C4:B |  | 1 | 18 | - | 318 | 1935:2074 | 393+657 | 30.3 : 30.3% | -        | -        | -        | 1.6        | 17.8 | 2.7 |
| Ped Link: P1                            | Unnamed Ped Link          | - | C4:D |  | 1 | 22 | - | 0   | -         | 26400   | 0.0%         | -        | -        | -        | 0.0        | 0.0  | 0.0 |
| Ped Link: P2                            | Unnamed Ped Link          | - | C4:C |  | 1 | 9  | - | 0   | -         | 10800   | 0.0%         | -        | -        | -        | 0.0        | 0.0  | 0.0 |
| <b>J4: A228 Castle Way (N) / M20 J4</b> | -                         | - | -    |  | - | -  | - | -   | -         | -       | <b>49.5%</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>9.4</b> | -    | -   |
| 1/2+1/1                                 | A228 Castle Way (N) Left  | U | C5:B |  | 1 | 23 | - | 672 | 2107:1967 | 843+787 | 41.2 : 41.3% | -        | -        | -        | 2.8        | 14.8 | 4.5 |
| 1/3                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 23 | - | 288 | 1957      | 783     | 36.8%        | -        | -        | -        | 1.3        | 16.3 | 3.7 |
| 1/4                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 23 | - | 339 | 2096      | 838     | 40.4%        | -        | -        | -        | 1.6        | 16.5 | 4.3 |
| 2/1                                     | Roundabout Ahead          | U | C5:A |  | 1 | 27 | - | 423 | 1940      | 905     | 46.7%        | -        | -        | -        | 0.7        | 5.7  | 2.3 |
| 2/2                                     | Roundabout Ahead          | U | C5:A |  | 1 | 27 | - | 480 | 2080      | 971     | 49.5%        | -        | -        | -        | 0.7        | 5.5  | 2.4 |
| 2/3                                     | Roundabout Right          | U | C5:A |  | 1 | 27 | - | 119 | 1926      | 899     | 13.2%        | -        | -        | -        | 0.9        | 26.1 | 2.1 |
| 2/4                                     | Roundabout Right          | U | C5:A |  | 1 | 27 | - | 199 | 2060      | 961     | 20.7%        | -        | -        | -        | 1.5        | 26.7 | 3.4 |
| Ped Link: P1                            | Unnamed Ped Link          | - | C5:D |  | 1 | 16 | - | 0   | -         | 19200   | 0.0%         | -        | -        | -        | 0.0        | 0.0  | 0.0 |
| Ped Link: P2                            | Unnamed Ped Link          | - | C5:C |  | 1 | 14 | - | 0   | -         | 16800   | 0.0%         | -        | -        | -        | 0.0        | 0.0  | 0.0 |

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|                                                                                                                                                                                                                      |                                |     |              |                                                                                                                                                                                                                                                           |     |       |   |                                                                                                                                                                                                                                                                                                                                                  |           |         |                 |                                                                                                                                                         |     |   |      |      |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|------|------|------|
| J5: A228 Castle Way / Leybourne Way                                                                                                                                                                                  | -                              | -   | -            |                                                                                                                                                                                                                                                           | -   | -     | - | -                                                                                                                                                                                                                                                                                                                                                | -         | -       | 91.2%           | 152                                                                                                                                                     | 285 | 0 | 47.0 | -    | -    |
| 1/1                                                                                                                                                                                                                  | Left Ahead                     | U   | C6:A         |                                                                                                                                                                                                                                                           | 1   | 77    | - | 1094                                                                                                                                                                                                                                                                                                                                             | 1962      | 1275    | 85.8%           | -                                                                                                                                                       | -   | - | 8.0  | 26.2 | 31.5 |
| 1/2+1/3                                                                                                                                                                                                              | Ahead Right                    | U   | C6:A<br>C6:G |                                                                                                                                                                                                                                                           | 1   | 77:46 | - | 899                                                                                                                                                                                                                                                                                                                                              | 2102:1770 | 345+641 | 91.2 :<br>91.2% | -                                                                                                                                                       | -   | - | 10.8 | 43.2 | 22.6 |
| 2/1                                                                                                                                                                                                                  | RSPCA Access Right Left Ahead  | U   | C6:B         |                                                                                                                                                                                                                                                           | 0   | 0     | - | 0                                                                                                                                                                                                                                                                                                                                                | 1929      | 0       | 0.0%            | -                                                                                                                                                       | -   | - | 0.0  | 0.0  | 0.0  |
| 3/2+3/1                                                                                                                                                                                                              | A228 Mallng Road Ahead Left    | U+O | C6:C -       |                                                                                                                                                                                                                                                           | 1   | 19    | - | 740                                                                                                                                                                                                                                                                                                                                              | 2004:2020 | 334+587 | 90.7 :<br>74.5% | 152                                                                                                                                                     | 285 | 0 | 6.4  | 31.2 | 11.9 |
| 3/3                                                                                                                                                                                                                  | A228 Mallng Road Ahead         | U   | C6:C         |                                                                                                                                                                                                                                                           | 1   | 19    | - | 218                                                                                                                                                                                                                                                                                                                                              | 2144      | 357     | 61.0%           | -                                                                                                                                                       | -   | - | 3.6  | 59.2 | 7.5  |
| 3/4+3/5                                                                                                                                                                                                              | A228 Mallng Road Ahead Right   | U   | C6:C<br>C6:D |                                                                                                                                                                                                                                                           | 1:0 | 19:0  | - | 199                                                                                                                                                                                                                                                                                                                                              | 2144:1934 | 357+0   | 55.7 :<br>0.0%  | -                                                                                                                                                       | -   | - | 3.2  | 57.2 | 6.7  |
| 4/2+4/1                                                                                                                                                                                                              | Leybourne Way Left Ahead Right | U   | C6:E<br>C6:F |                                                                                                                                                                                                                                                           | 1   | 23:76 | - | 897                                                                                                                                                                                                                                                                                                                                              | 1769:1991 | 354+644 | 89.9 :<br>89.9% | -                                                                                                                                                       | -   | - | 10.0 | 40.1 | 14.4 |
| 4/3                                                                                                                                                                                                                  | Leybourne Way Right            | U   | C6:E         |                                                                                                                                                                                                                                                           | 1   | 23    | - | 292                                                                                                                                                                                                                                                                                                                                              | 1943      | 389     | 75.1%           | -                                                                                                                                                       | -   | - | 5.1  | 63.3 | 10.6 |
| Ped Link: P1                                                                                                                                                                                                         | Unnamed Ped Link               | -   | C6:H         |                                                                                                                                                                                                                                                           | 1   | 23    | - | 0                                                                                                                                                                                                                                                                                                                                                | -         | 13800   | 0.0%            | -                                                                                                                                                       | -   | - | 0.0  | 0.0  | 0.0  |
| Ped Link: P2                                                                                                                                                                                                         | Unnamed Ped Link               | -   | C6:I         |                                                                                                                                                                                                                                                           | 1   | 19    | - | 0                                                                                                                                                                                                                                                                                                                                                | -         | 11400   | 0.0%            | -                                                                                                                                                       | -   | - | 0.0  | 0.0  | 0.0  |
| Ped Link: P3                                                                                                                                                                                                         | Unnamed Ped Link               | -   | C6:J         |                                                                                                                                                                                                                                                           | 1   | 76    | - | 0                                                                                                                                                                                                                                                                                                                                                | -         | 45600   | 0.0%            | -                                                                                                                                                       | -   | - | 0.0  | 0.0  | 0.0  |
| C1 - A228 Leybourne By-Pass/Castle Way<br>C2 - M20 WB Off Slip/M20 J4<br>C3 - A228 Leybourne Bypass/M20 J4<br>C4 - M20 EB Off Slip/M20 J4<br>C5 - A228 Castle Way (N)/M20 J4<br>C6 - A228 Castle Way / Leybourne Way |                                |     |              | PRC for Signalled Lanes (%): 0.0<br>PRC for Signalled Lanes (%): 33.4<br>PRC for Signalled Lanes (%): 50.3<br>PRC for Signalled Lanes (%): 42.9<br>PRC for Signalled Lanes (%): 82.0<br>PRC for Signalled Lanes (%): -1.3<br>PRC Over All Lanes (%): -1.3 |     |       |   | Total Delay for Signalled Lanes (pcuHr): 0.00<br>Total Delay for Signalled Lanes (pcuHr): 5.46<br>Total Delay for Signalled Lanes (pcuHr): 6.31<br>Total Delay for Signalled Lanes (pcuHr): 11.60<br>Total Delay for Signalled Lanes (pcuHr): 9.36<br>Total Delay for Signalled Lanes (pcuHr): 47.05<br>Total Delay Over All Lanes(pcuHr): 79.78 |           |         |                 | Cycle Time (s): 60<br>Cycle Time (s): 60<br>Cycle Time (s): 60<br>Cycle Time (s): 60<br>Cycle Time (s): 60<br>Cycle Time (s): 60<br>Cycle Time (s): 120 |     |   |      |      |      |

### Network Layout Diagram



## Basic Results Summary

## Network Results

| Item                                             | Lane Description             | Lane Type | Full Phase | Arrow Phase | Num Greens | Total Green (s) | Arrow Green (s) | Demand Flow (pcu) | Sat Flow (pcu/Hr) | Capacity (pcu) | Deg Sat (%)   | Turners In Gaps (pcu) | Turners When Unopposed (pcu) | Turners In Intergreen (pcu) | Total Delay (pcuHr) | Av. Delay Per PCU (s/pcu) | Mean Max Queue (pcu) |
|--------------------------------------------------|------------------------------|-----------|------------|-------------|------------|-----------------|-----------------|-------------------|-------------------|----------------|---------------|-----------------------|------------------------------|-----------------------------|---------------------|---------------------------|----------------------|
| <b>Network</b>                                   | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>196.1%</b> | <b>49</b>             | <b>547</b>                   | <b>0</b>                    | <b>537.1</b>        | -                         | -                    |
| <b>J1: M20 Westbound Off Slip / M20 Junction</b> | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>71.5%</b>  | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>6.8</b>          | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C2:A       |             | 1          | 36              | -               | 583               | 1932              | 1191           | 41.5%         | -                     | -                            | -                           | 0.8                 | 6.1                       | 1.8                  |
| 1/2+1/3                                          | Roundabout Right Ahead       | U         | C2:A       |             | 1          | 36              | -               | 989               | 1933:2068         | 1179+84        | 57.6 : 47.0%  | -                     | -                            | -                           | 1.1                 | 5.6                       | 21.2                 |
| 2/2+2/3                                          | M20 Westbound Off Slip Ahead | U         | C2:B       |             | 1          | 12              | -               | 613               | 1964:2097         | 426+454        | 67.7 : 71.5%  | -                     | -                            | -                           | 4.8                 | 28.4                      | 6.1                  |
| <b>J2: A228 Leybourne Bypass/M20 J4</b>          | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>55.0%</b>  | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>9.3</b>          | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C3:B       |             | 1          | 26              | -               | 670               | 1929              | 868            | 55.0%         | -                     | -                            | -                           | 1.9                 | 14.2                      | 3.0                  |
| 1/2                                              | Roundabout Ahead             | U         | C3:A       |             | 1          | 23              | -               | 66                | 2066              | 826            | 4.8%          | -                     | -                            | -                           | 0.1                 | 10.4                      | 0.6                  |
| 1/3                                              | Roundabout Right             | U         | C3:A       |             | 1          | 23              | -               | 288               | 1931              | 772            | 37.3%         | -                     | -                            | -                           | 0.3                 | 4.2                       | 0.4                  |
| 1/4                                              | Roundabout Right             | U         | C3:A       |             | 1          | 23              | -               | 325               | 2066              | 826            | 39.3%         | -                     | -                            | -                           | 0.4                 | 4.1                       | 0.4                  |
| 2/1                                              | A228 By Pass (South) Left    | U         | C3:B       |             | 1          | 26              | -               | 371               | 1893              | 852            | 43.6%         | -                     | -                            | -                           | 1.5                 | 15.0                      | 4.6                  |
| 2/2                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 26              | -               | 378               | 1986              | 894            | 42.3%         | -                     | -                            | -                           | 1.5                 | 14.7                      | 4.6                  |
| 2/3                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 26              | -               | 405               | 2126              | 957            | 42.3%         | -                     | -                            | -                           | 1.6                 | 14.5                      | 4.9                  |
| 2/4                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 26              | -               | 449               | 2125              | 956            | 47.0%         | -                     | -                            | -                           | 1.9                 | 15.1                      | 5.6                  |
| Ped Link: P1                                     | Unnamed Ped Link             | -         | C3:C       |             | 1          | 17              | -               | 0                 | -                 | 20400          | 0.0%          | -                     | -                            | -                           | 0.0                 | 0.0                       | 0.0                  |
| <b>J3: M20 EB Off Slip / M20 J4</b>              | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>70.4%</b>  | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>9.1</b>          | -                         | -                    |

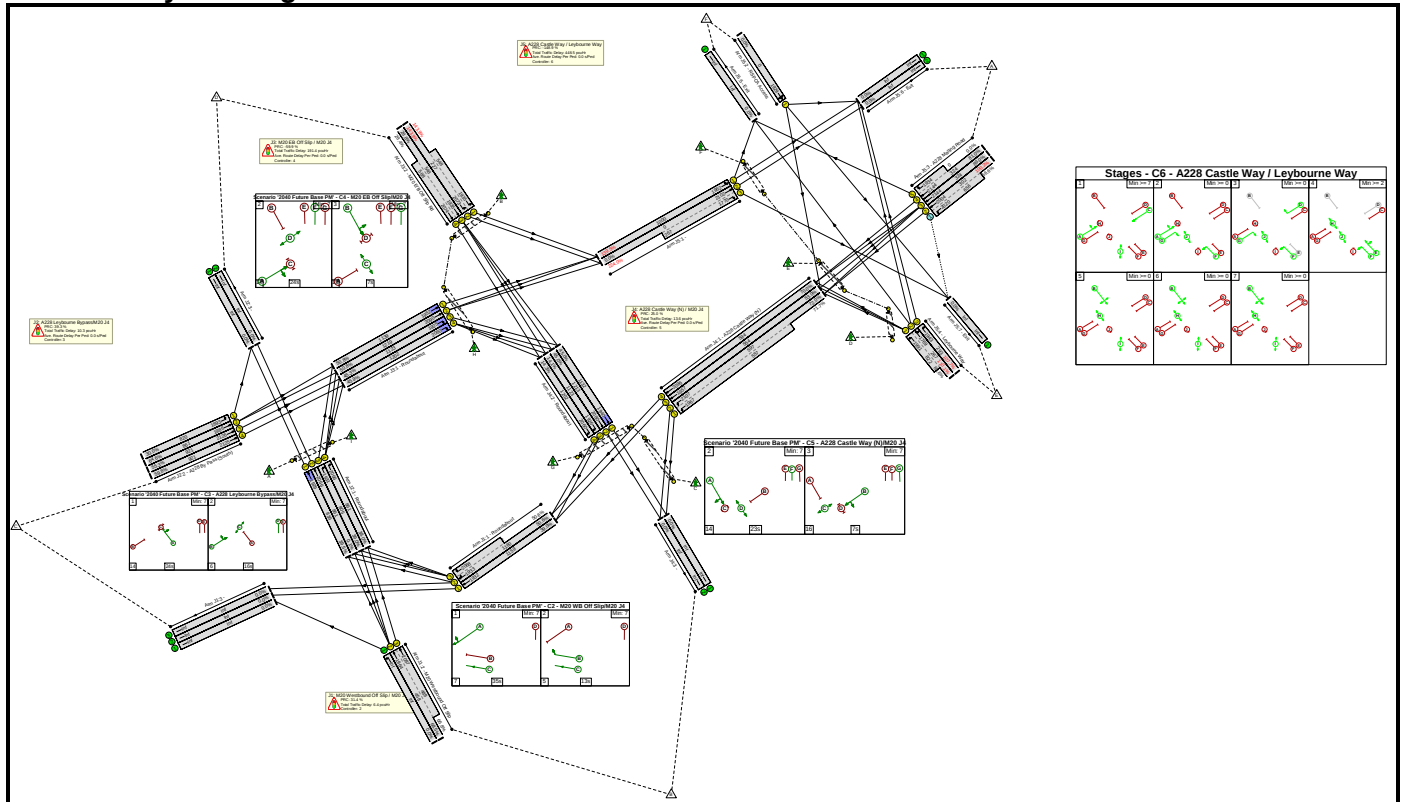
## Basic Results Summary

|                                         |                           |   |      |  |   |    |   |     |           |         |               |          |          |          |             |       |      |
|-----------------------------------------|---------------------------|---|------|--|---|----|---|-----|-----------|---------|---------------|----------|----------|----------|-------------|-------|------|
| 1/1                                     | Roundabout Ahead          | U | C4:A |  | 1 | 34 | - | 473 | 1952      | 1139    | 41.5%         | -        | -        | -        | 1.4         | 10.6  | 5.8  |
| 1/2                                     | Roundabout Ahead          | U | C4:A |  | 1 | 34 | - | 518 | 2090      | 1219    | 42.5%         | -        | -        | -        | 1.5         | 10.7  | 6.5  |
| 1/3                                     | Roundabout Right          | U | C4:A |  | 1 | 34 | - | 405 | 1925      | 1123    | 36.1%         | -        | -        | -        | 0.3         | 3.0   | 0.4  |
| 1/4                                     | Roundabout Right          | U | C4:A |  | 1 | 34 | - | 449 | 2060      | 1202    | 37.4%         | -        | -        | -        | 0.3         | 2.6   | 0.4  |
| 2/2+2/1                                 | M20 E/B Off Slip Rd Left  | U | C4:B |  | 1 | 16 | - | 579 | 2073:1935 | 274+548 | 70.4 : 70.4%  | -        | -        | -        | 4.2         | 25.8  | 6.9  |
| 2/3+2/4                                 | M20 E/B Off Slip Rd Ahead | U | C4:B |  | 1 | 16 | - | 262 | 1935:2074 | 548+455 | 27.2 : 24.8%  | -        | -        | -        | 1.4         | 19.0  | 2.1  |
| Ped Link: P1                            | Unnamed Ped Link          | - | C4:D |  | 1 | 24 | - | 0   | -         | 28800   | 0.0%          | -        | -        | -        | 0.0         | 0.0   | 0.0  |
| Ped Link: P2                            | Unnamed Ped Link          | - | C4:C |  | 1 | 7  | - | 0   | -         | 8400    | 0.0%          | -        | -        | -        | 0.0         | 0.0   | 0.0  |
| <b>J4: A228 Castle Way (N) / M20 J4</b> | -                         | - | -    |  | - | -  | - | -   | -         | -       | <b>108.8%</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>45.2</b> | -     | -    |
| 1/2+1/1                                 | A228 Castle Way (N) Left  | U | C5:B |  | 1 | 16 | - | 848 | 2107:1967 | 597+557 | 55.9 : 56.1%  | -        | -        | -        | 3.9         | 21.9  | 5.4  |
| 1/3                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 16 | - | 434 | 1957      | 554     | 62.3%         | -        | -        | -        | 2.6         | 27.3  | 5.8  |
| 1/4                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 16 | - | 864 | 2096      | 594     | 108.8%        | -        | -        | -        | 36.5        | 203.2 | 43.0 |
| 2/1                                     | Roundabout Ahead          | U | C5:A |  | 1 | 34 | - | 405 | 1940      | 1132    | 35.8%         | -        | -        | -        | 0.3         | 2.6   | 0.4  |
| 2/2                                     | Roundabout Ahead          | U | C5:A |  | 1 | 34 | - | 437 | 2080      | 1213    | 36.0%         | -        | -        | -        | 0.3         | 2.4   | 0.4  |
| 2/3                                     | Roundabout Right          | U | C5:A |  | 1 | 34 | - | 149 | 1926      | 1123    | 13.3%         | -        | -        | -        | 0.9         | 22.3  | 2.4  |
| 2/4                                     | Roundabout Right          | U | C5:A |  | 1 | 34 | - | 125 | 2060      | 1202    | 10.4%         | -        | -        | -        | 0.7         | 19.2  | 1.8  |
| Ped Link: P1                            | Unnamed Ped Link          | - | C5:D |  | 1 | 23 | - | 0   | -         | 27600   | 0.0%          | -        | -        | -        | 0.0         | 0.0   | 0.0  |
| Ped Link: P2                            | Unnamed Ped Link          | - | C5:C |  | 1 | 7  | - | 0   | -         | 8400    | 0.0%          | -        | -        | -        | 0.0         | 0.0   | 0.0  |

## Basic Results Summary

|                                        |                                |     |              |                              |      |        |      |                                          |         |                  |    |                 |   |       |       |       |
|----------------------------------------|--------------------------------|-----|--------------|------------------------------|------|--------|------|------------------------------------------|---------|------------------|----|-----------------|---|-------|-------|-------|
| J5: A228 Castle Way / Leybourne Way    | -                              | -   | -            | -                            | -    | -      | -    | -                                        | -       | 196.1%           | 49 | 547             | 0 | 466.7 | -     | -     |
| 1/1                                    | Left Ahead                     | U   | C6:A         | 1                            | 26   | -      | 1046 | 1962                                     | 1000    | 104.7%           | -  | -               | - | 36.7  | 126.3 | 47.6  |
| 1/2+1/3                                | Ahead Right                    | U   | C6:A<br>C6:G | 1                            | 26:7 | -      | 524  | 2102:1770                                | 0+267   | 0.0 :<br>196.1%  | -  | -               | - | 138.9 | 954.5 | 142.1 |
| 2/1                                    | RSPCA Access Right Left Ahead  | U   | C6:B         | 0                            | 0    | -      | 0    | 1929                                     | 0       | 0.0%             | -  | -               | - | 0.0   | 0.0   | 0.0   |
| 3/2+3/1                                | A228 Malling Road Ahead Left   | U+O | C6:C -       | 1                            | 7    | -      | 1062 | 2004:2020                                | 302+656 | 154.1 :<br>90.8% | 49 | 547             | 0 | 92.6  | 314.0 | 95.9  |
| 3/3                                    | A228 Malling Road Ahead        | U   | C6:C         | 1                            | 7    | -      | 497  | 2144                                     | 324     | 153.6%           | -  | -               | - | 96.0  | 695.3 | 99.7  |
| 3/4+3/5                                | A228 Malling Road Ahead Right  | U   | C6:C<br>C6:D | 1:0                          | 7:0  | -      | 495  | 2144:1934                                | 324+0   | 153.0 :<br>0.0%  | -  | -               | - | 94.2  | 685.4 | 98.6  |
| 4/2+4/1                                | Leybourne Way Left Ahead Right | U   | C6:E<br>C6:F | 1                            | 7:21 | -      | 928  | 1769:1991                                | 267+824 | 89.9 :<br>83.5%  | -  | -               | - | 6.9   | 26.7  | 11.7  |
| 4/3                                    | Leybourne Way Right            | U   | C6:E         | 1                            | 7    | -      | 146  | 1943                                     | 293     | 49.8%            | -  | -               | - | 1.3   | 32.8  | 2.4   |
| Ped Link: P1                           | Unnamed Ped Link               | -   | C6:H         | 1                            | 7    | -      | 0    | -                                        | 9509    | 0.0%             | -  | -               | - | 0.0   | 0.0   | 0.0   |
| Ped Link: P2                           | Unnamed Ped Link               | -   | C6:I         | 1                            | 7    | -      | 0    | -                                        | 9509    | 0.0%             | -  | -               | - | 0.0   | 0.0   | 0.0   |
| Ped Link: P3                           | Unnamed Ped Link               | -   | C6:J         | 1                            | 21   | -      | 0    | -                                        | 28528   | 0.0%             | -  | -               | - | 0.0   | 0.0   | 0.0   |
| C1 - A228 Leybourne By-Pass/Castle Way |                                |     |              | PRC for Signalled Lanes (%): |      | 0.0    |      | Total Delay for Signalled Lanes (pcuHr): |         | 0.00             |    | Cycle Time (s): |   | 60    |       |       |
| C2 - M20 WB Off Slip/M20 J4            |                                |     |              | PRC for Signalled Lanes (%): |      | 25.8   |      | Total Delay for Signalled Lanes (pcuHr): |         | 6.78             |    | Cycle Time (s): |   | 60    |       |       |
| C3 - A228 Leybourne Bypass/M20 J4      |                                |     |              | PRC for Signalled Lanes (%): |      | 63.7   |      | Total Delay for Signalled Lanes (pcuHr): |         | 9.30             |    | Cycle Time (s): |   | 60    |       |       |
| C4 - M20 EB Off Slip/M20 J4            |                                |     |              | PRC for Signalled Lanes (%): |      | 27.8   |      | Total Delay for Signalled Lanes (pcuHr): |         | 9.13             |    | Cycle Time (s): |   | 60    |       |       |
| C5 - A228 Castle Way (N)/M20 J4        |                                |     |              | PRC for Signalled Lanes (%): |      | -20.9  |      | Total Delay for Signalled Lanes (pcuHr): |         | 45.19            |    | Cycle Time (s): |   | 60    |       |       |
| C6 - A228 Castle Way / Leybourne Way   |                                |     |              | PRC for Signalled Lanes (%): |      | -117.9 |      | Total Delay for Signalled Lanes (pcuHr): |         | 466.68           |    | Cycle Time (s): |   | 53    |       |       |
|                                        |                                |     |              | PRC Over All Lanes (%):      |      | -117.9 |      | Total Delay Over All Lanes(pcuHr):       |         | 537.08           |    |                 |   |       |       |       |

## Network Layout Diagram



## Basic Results Summary

## Network Results

| Item                                             | Lane Description             | Lane Type | Full Phase | Arrow Phase | Num Greens | Total Green (s) | Arrow Green (s) | Demand Flow (pcu) | Sat Flow (pcu/Hr) | Capacity (pcu) | Deg Sat (%)   | Turners In Gaps (pcu) | Turners When Unopposed (pcu) | Turners In Intergreen (pcu) | Total Delay (pcuHr) | Av. Delay Per PCU (s/pcu) | Mean Max Queue (pcu) |
|--------------------------------------------------|------------------------------|-----------|------------|-------------|------------|-----------------|-----------------|-------------------|-------------------|----------------|---------------|-----------------------|------------------------------|-----------------------------|---------------------|---------------------------|----------------------|
| <b>Network</b>                                   | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>224.0%</b> | <b>49</b>             | <b>388</b>                   | <b>0</b>                    | <b>670.2</b>        | -                         | -                    |
| <b>J1: M20 Westbound Off Slip / M20 Junction</b> | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>68.5%</b>  | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>6.4</b>          | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C2:A       |             | 1          | 35              | -               | 452               | 1932              | 1159           | 39.0%         | -                     | -                            | -                           | 0.7                 | 5.5                       | 1.4                  |
| 1/2+1/3                                          | Roundabout Right Ahead       | U         | C2:A       |             | 1          | 35              | -               | 588               | 1933:2068         | 1160+2         | 50.6 : 50.6%  | -                     | -                            | -                           | 0.9                 | 5.6                       | 17.8                 |
| 2/2+2/3                                          | M20 Westbound Off Slip Ahead | U         | C2:B       |             | 1          | 13              | -               | 641               | 1964:2097         | 458+489        | 68.5 : 66.8%  | -                     | -                            | -                           | 4.8                 | 26.8                      | 5.9                  |
| <b>J2: A228 Leybourne Bypass/M20 J4</b>          | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>64.6%</b>  | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>10.3</b>         | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C3:B       |             | 1          | 25              | -               | 330               | 1929              | 836            | 39.5%         | -                     | -                            | -                           | 0.5                 | 5.8                       | 0.7                  |
| 1/2                                              | Roundabout Ahead             | U         | C3:A       |             | 1          | 24              | -               | 1                 | 2066              | 861            | 0.1%          | -                     | -                            | -                           | 0.0                 | 14.4                      | 0.0                  |
| 1/3                                              | Roundabout Right             | U         | C3:A       |             | 1          | 24              | -               | 314               | 1931              | 805            | 39.0%         | -                     | -                            | -                           | 0.4                 | 4.1                       | 0.4                  |
| 1/4                                              | Roundabout Right             | U         | C3:A       |             | 1          | 24              | -               | 327               | 2066              | 861            | 38.0%         | -                     | -                            | -                           | 0.3                 | 3.8                       | 0.4                  |
| 2/1                                              | A228 By Pass (South) Left    | U         | C3:B       |             | 1          | 25              | -               | 246               | 1893              | 820            | 30.0%         | -                     | -                            | -                           | 1.0                 | 14.2                      | 2.9                  |
| 2/2                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 25              | -               | 556               | 1986              | 861            | 64.6%         | -                     | -                            | -                           | 3.0                 | 19.3                      | 8.2                  |
| 2/3                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 25              | -               | 509               | 2126              | 921            | 55.3%         | -                     | -                            | -                           | 2.4                 | 17.0                      | 6.8                  |
| 2/4                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 25              | -               | 551               | 2125              | 921            | 59.8%         | -                     | -                            | -                           | 2.7                 | 17.9                      | 7.6                  |
| Ped Link: P1                                     | Unnamed Ped Link             | -         | C3:C       |             | 1          | 16              | -               | 0                 | -                 | 19200          | 0.0%          | -                     | -                            | -                           | 0.0                 | 0.0                       | 0.0                  |
| <b>J3: M20 EB Off Slip / M20 J4</b>              | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>143.9%</b> | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>191.4</b>        | -                         | -                    |

## Basic Results Summary

|                                         |                           |   |      |  |   |    |   |      |           |         |                |          |          |          |             |       |       |
|-----------------------------------------|---------------------------|---|------|--|---|----|---|------|-----------|---------|----------------|----------|----------|----------|-------------|-------|-------|
| 1/1                                     | Roundabout Ahead          | U | C4:A |  | 1 | 34 | - | 578  | 1952      | 1139    | 50.8%          | -        | -        | -        | 2.3         | 14.1  | 8.7   |
| 1/2                                     | Roundabout Ahead          | U | C4:A |  | 1 | 34 | - | 619  | 2090      | 1219    | 50.8%          | -        | -        | -        | 2.3         | 13.6  | 9.2   |
| 1/3                                     | Roundabout Right          | U | C4:A |  | 1 | 34 | - | 509  | 1925      | 1123    | 45.3%          | -        | -        | -        | 0.4         | 3.0   | 0.5   |
| 1/4                                     | Roundabout Right          | U | C4:A |  | 1 | 34 | - | 551  | 2060      | 1202    | 45.9%          | -        | -        | -        | 0.4         | 2.8   | 0.4   |
| 2/2+2/1                                 | M20 E/B Off Slip Rd Left  | U | C4:B |  | 1 | 16 | - | 1116 | 2073:1935 | 227+548 | 143.9 : 143.9% | -        | -        | -        | 184.3       | 594.4 | 193.9 |
| 2/3+2/4                                 | M20 E/B Off Slip Rd Ahead | U | C4:B |  | 1 | 16 | - | 325  | 1935:2074 | 548+588 | 28.8 : 28.4%   | -        | -        | -        | 1.7         | 19.0  | 2.3   |
| Ped Link: P1                            | Unnamed Ped Link          | - | C4:D |  | 1 | 24 | - | 0    | -         | 28800   | 0.0%           | -        | -        | -        | 0.0         | 0.0   | 0.0   |
| Ped Link: P2                            | Unnamed Ped Link          | - | C4:C |  | 1 | 7  | - | 0    | -         | 8400    | 0.0%           | -        | -        | -        | 0.0         | 0.0   | 0.0   |
| <b>J4: A228 Castle Way (N) / M20 J4</b> | -                         | - | -    |  | - | -  | - | -    | -         | -       | <b>72.0%</b>   | <b>0</b> | <b>0</b> | <b>0</b> | <b>13.6</b> | -     | -     |
| 1/2+1/1                                 | A228 Castle Way (N) Left  | U | C5:B |  | 1 | 16 | - | 830  | 2107:1967 | 597+557 | 72.0 : 71.7%   | -        | -        | -        | 5.7         | 24.8  | 7.7   |
| 1/3                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 16 | - | 294  | 1957      | 554     | 53.0%          | -        | -        | -        | 2.0         | 25.0  | 4.6   |
| 1/4                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 16 | - | 416  | 2096      | 594     | 70.0%          | -        | -        | -        | 3.4         | 29.2  | 7.3   |
| 2/1                                     | Roundabout Ahead          | U | C5:A |  | 1 | 34 | - | 509  | 1940      | 1132    | 45.0%          | -        | -        | -        | 0.5         | 3.3   | 0.6   |
| 2/2                                     | Roundabout Ahead          | U | C5:A |  | 1 | 34 | - | 546  | 2080      | 1213    | 45.0%          | -        | -        | -        | 0.5         | 3.0   | 0.5   |
| 2/3                                     | Roundabout Right          | U | C5:A |  | 1 | 34 | - | 158  | 1926      | 1123    | 14.1%          | -        | -        | -        | 0.7         | 16.5  | 2.7   |
| 2/4                                     | Roundabout Right          | U | C5:A |  | 1 | 34 | - | 172  | 2060      | 1202    | 14.3%          | -        | -        | -        | 0.8         | 15.9  | 2.9   |
| Ped Link: P1                            | Unnamed Ped Link          | - | C5:D |  | 1 | 23 | - | 0    | -         | 27600   | 0.0%           | -        | -        | -        | 0.0         | 0.0   | 0.0   |
| Ped Link: P2                            | Unnamed Ped Link          | - | C5:C |  | 1 | 7  | - | 0    | -         | 8400    | 0.0%           | -        | -        | -        | 0.0         | 0.0   | 0.0   |

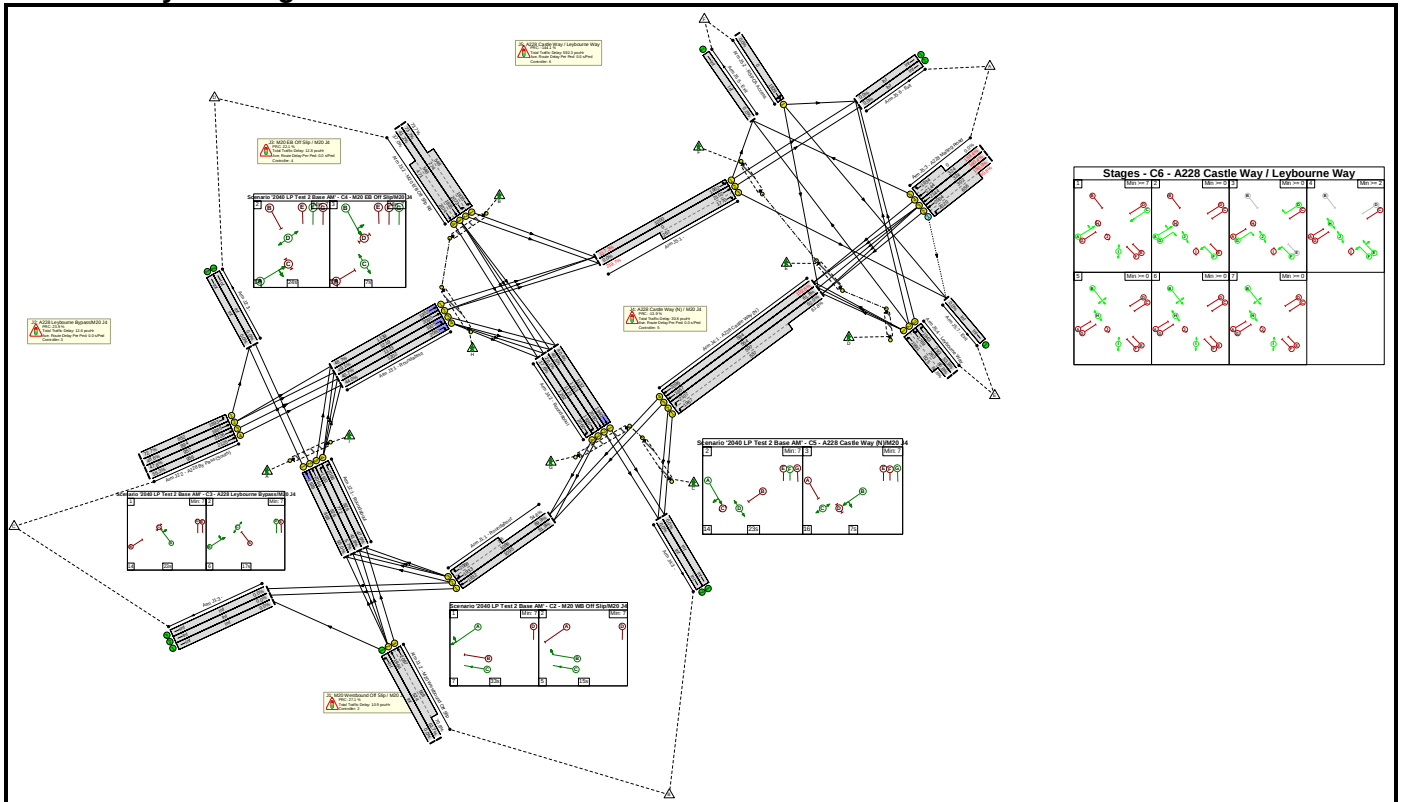
## Basic Results Summary

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                |     |              |   |     |      |   |      |           |         |                  |     |     |       |       |        |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----|--------------|---|-----|------|---|------|-----------|---------|------------------|-----|-----|-------|-------|--------|-------|
| J5: A228 Castle Way / Leybourne Way                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                              | -   | -            | - | -   | -    | - | -    | -         | 224.0%  | 49               | 388 | 0   | 448.5 | -     | -      |       |
| 1/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Left Ahead                     | U   | C6:A         |   | 1   | 26   | - | 1635 | 1962      | 1000    | 139.5%           | -   | -   | -     | 216.1 | 558.0  | 227.0 |
| 1/2+1/3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ahead Right                    | U   | C6:A<br>C6:G |   | 1   | 26:7 | - | 678  | 2102:1770 | 0+267   | 0.0 :<br>224.0%  | -   | -   | -     | 178.2 | 1072.3 | 182.1 |
| 2/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | RSPCA Access Right Left Ahead  | U   | C6:B         |   | 0   | 0    | - | 0    | 1929      | 0       | 0.0%             | -   | -   | -     | 0.0   | 0.0    | 0.0   |
| 3/2+3/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A228 Malling Road Ahead Left   | U+O | C6:C -       |   | 1   | 7    | - | 740  | 2004:2020 | 302+656 | 100.2 :<br>66.6% | 49  | 388 | 0     | 3.9   | 18.7   | 6.4   |
| 3/3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A228 Malling Road Ahead        | U   | C6:C         |   | 1   | 7    | - | 288  | 2144      | 324     | 89.0%            | -   | -   | -     | 5.2   | 64.5   | 7.5   |
| 3/4+3/5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A228 Malling Road Ahead Right  | U   | C6:C<br>C6:D |   | 1:0 | 7:0  | - | 262  | 2144:1934 | 324+0   | 81.0 :<br>0.0%   | -   | -   | -     | 3.6   | 49.2   | 5.7   |
| 4/2+4/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Leybourne Way Left Ahead Right | U   | C6:E<br>C6:F |   | 1   | 7:21 | - | 981  | 1769:1991 | 267+822 | 110.1 :<br>83.6% | -   | -   | -     | 22.8  | 83.8   | 26.7  |
| 4/3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Leybourne Way Right            | U   | C6:E         |   | 1   | 7    | - | 316  | 1943      | 293     | 107.7%           | -   | -   | -     | 18.7  | 213.5  | 21.2  |
| Ped Link: P1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Unnamed Ped Link               | -   | C6:H         |   | 1   | 7    | - | 0    | -         | 9509    | 0.0%             | -   | -   | -     | 0.0   | 0.0    | 0.0   |
| Ped Link: P2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Unnamed Ped Link               | -   | C6:I         |   | 1   | 7    | - | 0    | -         | 9509    | 0.0%             | -   | -   | -     | 0.0   | 0.0    | 0.0   |
| Ped Link: P3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Unnamed Ped Link               | -   | C6:J         |   | 1   | 21   | - | 0    | -         | 28528   | 0.0%             | -   | -   | -     | 0.0   | 0.0    | 0.0   |
| C1 - A228 Leybourne By-Pass/Castle Way<br>C2 - M20 WB Off Slip/M20 J4<br>C3 - A228 Leybourne Bypass/M20 J4<br>C4 - M20 EB Off Slip/M20 J4<br>C5 - A228 Castle Way (N)/M20 J4<br>C6 - A228 Castle Way / Leybourne Way<br>PRC for Signalled Lanes (%): 0.0<br>PRC for Signalled Lanes (%): 31.4<br>PRC for Signalled Lanes (%): 39.3<br>PRC for Signalled Lanes (%): -59.9<br>PRC for Signalled Lanes (%): 25.0<br>PRC for Signalled Lanes (%): -148.9<br>PRC Over All Lanes (%): -148.9<br>Total Delay for Signalled Lanes (pcuHr): 0.00<br>Total Delay for Signalled Lanes (pcuHr): 6.37<br>Total Delay for Signalled Lanes (pcuHr): 10.33<br>Total Delay for Signalled Lanes (pcuHr): 191.44<br>Total Delay for Signalled Lanes (pcuHr): 13.55<br>Total Delay for Signalled Lanes (pcuHr): 448.53<br>Total Delay Over All Lanes(pcuHr): 670.20<br>Cycle Time (s): 60<br>Cycle Time (s): 60<br>Cycle Time (s): 60<br>Cycle Time (s): 60<br>Cycle Time (s): 60<br>Cycle Time (s): 53 |                                |     |              |   |     |      |   |      |           |         |                  |     |     |       |       |        |       |

## Basic Results Summary

**Scenario 5: '2040 LP Test 2 Base AM' (FG5: '2040 LP Test 2 Base AM', Plan 1: 'Network Control Plan 1')**

## Network Layout Diagram



## Basic Results Summary

## Network Results

| Item                                             | Lane Description             | Lane Type | Full Phase | Arrow Phase | Num Greens | Total Green (s) | Arrow Green (s) | Demand Flow (pcu) | Sat Flow (pcu/Hr) | Capacity (pcu) | Deg Sat (%)   | Turners In Gaps (pcu) | Turners When Unopposed (pcu) | Turners In Intergreen (pcu) | Total Delay (pcuHr) | Av. Delay Per PCU (s/pcu) | Mean Max Queue (pcu) |
|--------------------------------------------------|------------------------------|-----------|------------|-------------|------------|-----------------|-----------------|-------------------|-------------------|----------------|---------------|-----------------------|------------------------------|-----------------------------|---------------------|---------------------------|----------------------|
| <b>Network</b>                                   | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>219.7%</b> | <b>49</b>             | <b>547</b>                   | <b>0</b>                    | <b>659.3</b>        | -                         | -                    |
| <b>J1: M20 Westbound Off Slip / M20 Junction</b> | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>70.8%</b>  | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>10.9</b>         | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C2:A       |             | 1          | 33              | -               | 668               | 1932              | 1095           | 51.9%         | -                     | -                            | -                           | 1.9                 | 12.2                      | 5.1                  |
| 1/2+1/3                                          | Roundabout Right Ahead       | U         | C2:A       |             | 1          | 33              | -               | 1046              | 1933:2068         | 1086+86        | 69.9 : 54.6%  | -                     | -                            | -                           | 4.0                 | 18.0                      | 21.7                 |
| 2/2+2/3                                          | M20 Westbound Off Slip Ahead | U         | C2:B       |             | 1          | 15              | -               | 719               | 1964:2097         | 524+559        | 61.7 : 70.8%  | -                     | -                            | -                           | 4.9                 | 24.6                      | 6.9                  |
| <b>J2: A228 Leybourne Bypass/M20 J4</b>          | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>72.7%</b>  | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>12.6</b>         | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C3:B       |             | 1          | 26              | -               | 644               | 1929              | 868            | 55.0%         | -                     | -                            | -                           | 1.3                 | 9.5                       | 4.3                  |
| 1/2                                              | Roundabout Ahead             | U         | C3:A       |             | 1          | 23              | -               | 77                | 2066              | 826            | 5.7%          | -                     | -                            | -                           | 0.1                 | 10.7                      | 0.5                  |
| 1/3                                              | Roundabout Right             | U         | C3:A       |             | 1          | 23              | -               | 323               | 1931              | 772            | 41.8%         | -                     | -                            | -                           | 0.6                 | 6.6                       | 5.0                  |
| 1/4                                              | Roundabout Right             | U         | C3:A       |             | 1          | 23              | -               | 396               | 2066              | 826            | 47.9%         | -                     | -                            | -                           | 0.7                 | 6.8                       | 6.5                  |
| 2/1                                              | A228 By Pass (South) Left    | U         | C3:B       |             | 1          | 26              | -               | 619               | 1893              | 852            | 72.7%         | -                     | -                            | -                           | 3.6                 | 21.1                      | 9.7                  |
| 2/2                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 26              | -               | 434               | 1986              | 894            | 48.6%         | -                     | -                            | -                           | 1.9                 | 15.5                      | 5.5                  |
| 2/3                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 26              | -               | 457               | 2126              | 957            | 47.8%         | -                     | -                            | -                           | 1.9                 | 15.2                      | 5.8                  |
| 2/4                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 26              | -               | 529               | 2125              | 956            | 55.3%         | -                     | -                            | -                           | 2.4                 | 16.3                      | 6.9                  |
| Ped Link: P1                                     | Unnamed Ped Link             | -         | C3:C       |             | 1          | 17              | -               | 0                 | -                 | 20400          | 0.0%          | -                     | -                            | -                           | 0.0                 | 0.0                       | 0.0                  |
| <b>J3: M20 EB Off Slip / M20 J4</b>              | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>73.7%</b>  | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>12.8</b>         | -                         | -                    |

## Basic Results Summary

|                                         |                           |   |      |  |   |    |   |     |           |         |               |          |          |          |             |       |      |
|-----------------------------------------|---------------------------|---|------|--|---|----|---|-----|-----------|---------|---------------|----------|----------|----------|-------------|-------|------|
| 1/1                                     | Roundabout Ahead          | U | C4:A |  | 1 | 34 | - | 554 | 1952      | 1139    | 48.7%         | -        | -        | -        | 2.4         | 15.3  | 7.1  |
| 1/2                                     | Roundabout Ahead          | U | C4:A |  | 1 | 34 | - | 599 | 2090      | 1219    | 49.1%         | -        | -        | -        | 2.8         | 16.9  | 8.6  |
| 1/3                                     | Roundabout Right          | U | C4:A |  | 1 | 34 | - | 457 | 1925      | 1123    | 40.7%         | -        | -        | -        | 0.4         | 3.2   | 0.5  |
| 1/4                                     | Roundabout Right          | U | C4:A |  | 1 | 34 | - | 529 | 2060      | 1202    | 44.0%         | -        | -        | -        | 0.4         | 2.9   | 0.5  |
| 2/2+2/1                                 | M20 E/B Off Slip Rd Left  | U | C4:B |  | 1 | 16 | - | 606 | 2073:1935 | 274+548 | 73.7 : 73.7%  | -        | -        | -        | 4.5         | 26.9  | 7.4  |
| 2/3+2/4                                 | M20 E/B Off Slip Rd Ahead | U | C4:B |  | 1 | 16 | - | 400 | 1935:2074 | 548+471 | 41.2 : 37.0%  | -        | -        | -        | 2.2         | 20.1  | 3.3  |
| Ped Link: P1                            | Unnamed Ped Link          | - | C4:D |  | 1 | 24 | - | 0   | -         | 28800   | 0.0%          | -        | -        | -        | 0.0         | 0.0   | 0.0  |
| Ped Link: P2                            | Unnamed Ped Link          | - | C4:C |  | 1 | 7  | - | 0   | -         | 8400    | 0.0%          | -        | -        | -        | 0.0         | 0.0   | 0.0  |
| <b>J4: A228 Castle Way (N) / M20 J4</b> | -                         | - | -    |  | - | -  | - | -   | -         | -       | <b>102.5%</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>30.8</b> | -     | -    |
| 1/2+1/1                                 | A228 Castle Way (N) Left  | U | C5:B |  | 1 | 16 | - | 959 | 2107:1967 | 597+557 | 62.0 : 61.8%  | -        | -        | -        | 4.5         | 22.8  | 6.2  |
| 1/3                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 16 | - | 442 | 1957      | 554     | 61.8%         | -        | -        | -        | 2.6         | 27.1  | 5.8  |
| 1/4                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 16 | - | 834 | 2096      | 594     | 102.5%        | -        | -        | -        | 20.6        | 121.9 | 27.0 |
| 2/1                                     | Roundabout Ahead          | U | C5:A |  | 1 | 34 | - | 457 | 1940      | 1132    | 40.4%         | -        | -        | -        | 0.4         | 2.8   | 0.5  |
| 2/2                                     | Roundabout Ahead          | U | C5:A |  | 1 | 34 | - | 491 | 2080      | 1213    | 40.5%         | -        | -        | -        | 0.4         | 2.6   | 0.5  |
| 2/3                                     | Roundabout Right          | U | C5:A |  | 1 | 34 | - | 226 | 1926      | 1123    | 20.1%         | -        | -        | -        | 1.4         | 22.0  | 3.4  |
| 2/4                                     | Roundabout Right          | U | C5:A |  | 1 | 34 | - | 212 | 2060      | 1202    | 17.6%         | -        | -        | -        | 1.0         | 17.0  | 2.6  |
| Ped Link: P1                            | Unnamed Ped Link          | - | C5:D |  | 1 | 23 | - | 0   | -         | 27600   | 0.0%          | -        | -        | -        | 0.0         | 0.0   | 0.0  |
| Ped Link: P2                            | Unnamed Ped Link          | - | C5:C |  | 1 | 7  | - | 0   | -         | 8400    | 0.0%          | -        | -        | -        | 0.0         | 0.0   | 0.0  |

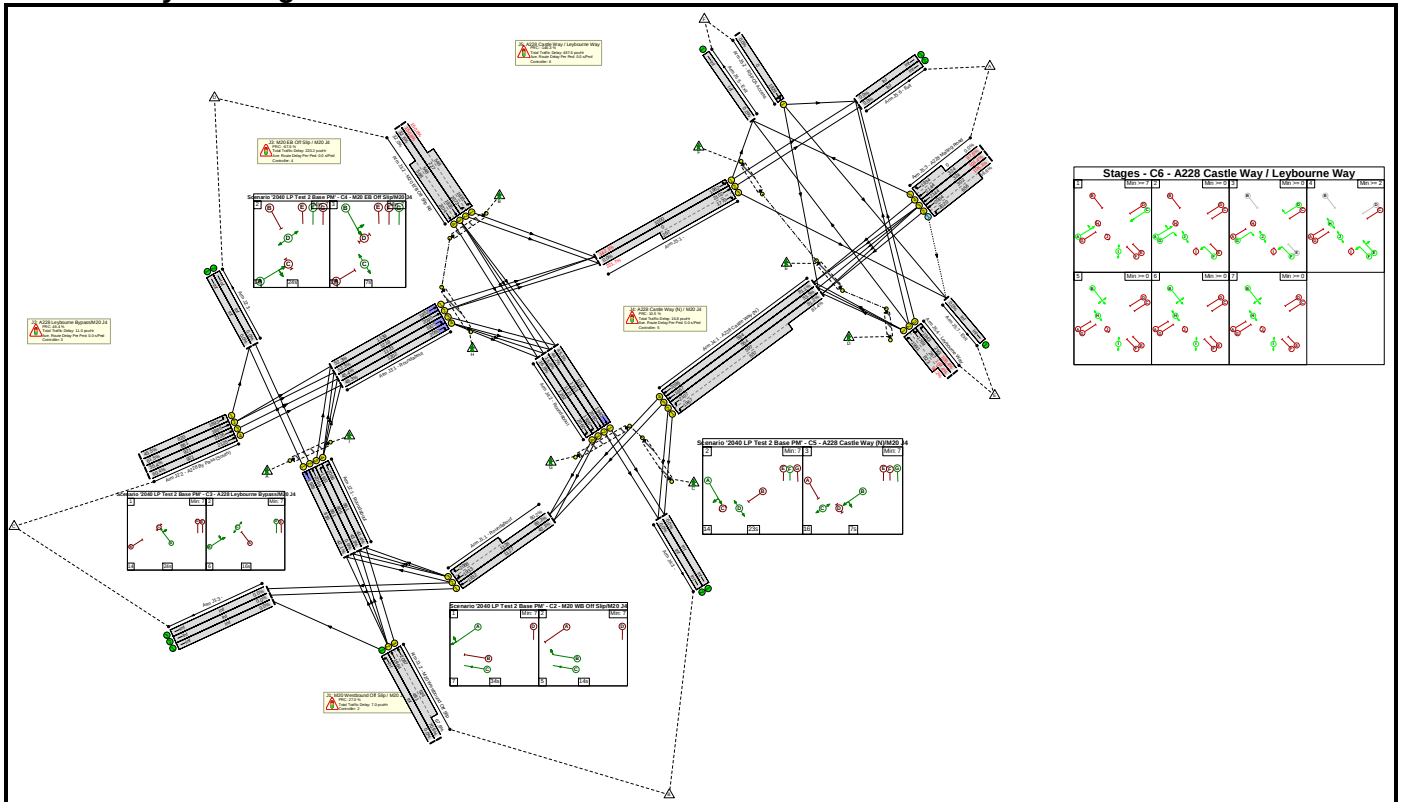
## Basic Results Summary

|                                                                                                                                                                                                                      |                                |     |              |                                                                                                                                                                                                                         |     |      |   |                                                          |           |         |                  |                                                                                                                                                                                                                                                                                                            |     |   |       |                                                              |       |  |  |                                                                                                                                   |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|---|----------------------------------------------------------|-----------|---------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|-------|--------------------------------------------------------------|-------|--|--|-----------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| J5: A228 Castle Way / Leybourne Way                                                                                                                                                                                  | -                              | -   | -            |                                                                                                                                                                                                                         | -   | -    | - | -                                                        | -         | -       | 219.7%           | 49                                                                                                                                                                                                                                                                                                         | 547 | 0 | 592.3 | -                                                            | -     |  |  |                                                                                                                                   |  |  |  |
| 1/1                                                                                                                                                                                                                  | Left Ahead                     | U   | C6:A         |                                                                                                                                                                                                                         | 1   | 26   | - | 1172                                                     | 1962      | 1000    | 117.3%           | -                                                                                                                                                                                                                                                                                                          | -   | - | 98.7  | 303.1                                                        | 110.9 |  |  |                                                                                                                                   |  |  |  |
| 1/2+1/3                                                                                                                                                                                                              | Ahead Right                    | U   | C6:A<br>C6:G |                                                                                                                                                                                                                         | 1   | 26:7 | - | 587                                                      | 2102:1770 | 0+267   | 0.0 :<br>219.7%  | -                                                                                                                                                                                                                                                                                                          | -   | - | 171.2 | 1049.7                                                       | 175.5 |  |  |                                                                                                                                   |  |  |  |
| 2/1                                                                                                                                                                                                                  | RSPCA Access Right Left Ahead  | U   | C6:B         |                                                                                                                                                                                                                         | 0   | 0    | - | 0                                                        | 1929      | 0       | 0.0%             | -                                                                                                                                                                                                                                                                                                          | -   | - | 0.0   | 0.0                                                          | 0.0   |  |  |                                                                                                                                   |  |  |  |
| 3/2+3/1                                                                                                                                                                                                              | A228 Malling Road Ahead Left   | U+O | C6:C -       |                                                                                                                                                                                                                         | 1   | 7    | - | 1080                                                     | 2004:2020 | 302+656 | 160.0 :<br>90.8% | 49                                                                                                                                                                                                                                                                                                         | 547 | 0 | 102.1 | 340.3                                                        | 104.7 |  |  |                                                                                                                                   |  |  |  |
| 3/3                                                                                                                                                                                                                  | A228 Malling Road Ahead        | U   | C6:C         |                                                                                                                                                                                                                         | 1   | 7    | - | 519                                                      | 2144      | 324     | 160.4%           | -                                                                                                                                                                                                                                                                                                          | -   | - | 106.6 | 739.1                                                        | 109.5 |  |  |                                                                                                                                   |  |  |  |
| 3/4+3/5                                                                                                                                                                                                              | A228 Malling Road Ahead Right  | U   | C6:C<br>C6:D |                                                                                                                                                                                                                         | 1:0 | 7:0  | - | 516                                                      | 2144:1934 | 324+0   | 159.4 :<br>0.0%  | -                                                                                                                                                                                                                                                                                                          | -   | - | 105.0 | 732.5                                                        | 108.7 |  |  |                                                                                                                                   |  |  |  |
| 4/2+4/1                                                                                                                                                                                                              | Leybourne Way Left Ahead Right | U   | C6:E<br>C6:F |                                                                                                                                                                                                                         | 1   | 7:21 | - | 944                                                      | 1769:1991 | 263+825 | 86.8 :<br>86.8%  | -                                                                                                                                                                                                                                                                                                          | -   | - | 7.4   | 28.1                                                         | 12.7  |  |  |                                                                                                                                   |  |  |  |
| 4/3                                                                                                                                                                                                                  | Leybourne Way Right            | U   | C6:E         |                                                                                                                                                                                                                         | 1   | 7    | - | 158                                                      | 1943      | 293     | 53.9%            | -                                                                                                                                                                                                                                                                                                          | -   | - | 1.5   | 34.0                                                         | 2.7   |  |  |                                                                                                                                   |  |  |  |
| Ped Link: P1                                                                                                                                                                                                         | Unnamed Ped Link               | -   | C6:H         |                                                                                                                                                                                                                         | 1   | 7    | - | 0                                                        | -         | 9509    | 0.0%             | -                                                                                                                                                                                                                                                                                                          | -   | - | 0.0   | 0.0                                                          | 0.0   |  |  |                                                                                                                                   |  |  |  |
| Ped Link: P2                                                                                                                                                                                                         | Unnamed Ped Link               | -   | C6:I         |                                                                                                                                                                                                                         | 1   | 7    | - | 0                                                        | -         | 9509    | 0.0%             | -                                                                                                                                                                                                                                                                                                          | -   | - | 0.0   | 0.0                                                          | 0.0   |  |  |                                                                                                                                   |  |  |  |
| Ped Link: P3                                                                                                                                                                                                         | Unnamed Ped Link               | -   | C6:J         |                                                                                                                                                                                                                         | 1   | 21   | - | 0                                                        | -         | 28528   | 0.0%             | -                                                                                                                                                                                                                                                                                                          | -   | - | 0.0   | 0.0                                                          | 0.0   |  |  |                                                                                                                                   |  |  |  |
| C1 - A228 Leybourne By-Pass/Castle Way<br>C2 - M20 WB Off Slip/M20 J4<br>C3 - A228 Leybourne Bypass/M20 J4<br>C4 - M20 EB Off Slip/M20 J4<br>C5 - A228 Castle Way (N)/M20 J4<br>C6 - A228 Castle Way / Leybourne Way |                                |     |              | PRC for Signalled Lanes (%):<br>PRC for Signalled Lanes (%):<br>PRC for Signalled Lanes (%):<br>PRC for Signalled Lanes (%):<br>PRC for Signalled Lanes (%):<br>PRC for Signalled Lanes (%):<br>PRC Over All Lanes (%): |     |      |   | 0.0<br>27.1<br>23.9<br>22.1<br>-13.9<br>-144.1<br>-144.1 |           |         |                  | Total Delay for Signalled Lanes (pcuHr):<br>Total Delay for Signalled Lanes (pcuHr):<br>Total Delay for Signalled Lanes (pcuHr):<br>Total Delay for Signalled Lanes (pcuHr):<br>Total Delay for Signalled Lanes (pcuHr):<br>Total Delay for Signalled Lanes (pcuHr):<br>Total Delay Over All Lanes(pcuHr): |     |   |       | 0.00<br>10.86<br>12.55<br>12.76<br>30.80<br>592.32<br>659.30 |       |  |  | Cycle Time (s):<br>Cycle Time (s):<br>Cycle Time (s):<br>Cycle Time (s):<br>Cycle Time (s):<br>Cycle Time (s):<br>Cycle Time (s): |  |  |  |

## Basic Results Summary

**Scenario 6: '2040 LP Test 2 Base PM'** (FG6: '2040 LP Test 2 Base PM', Plan 1: 'Network Control Plan 1')

## Network Layout Diagram



## Basic Results Summary

## Network Results

| Item                                             | Lane Description             | Lane Type | Full Phase | Arrow Phase | Num Greens | Total Green (s) | Arrow Green (s) | Demand Flow (pcu) | Sat Flow (pcu/Hr) | Capacity (pcu) | Deg Sat (%)   | Turners In Gaps (pcu) | Turners When Unopposed (pcu) | Turners In Intergreen (pcu) | Total Delay (pcuHr) | Av. Delay Per PCU (s/pcu) | Mean Max Queue (pcu) |
|--------------------------------------------------|------------------------------|-----------|------------|-------------|------------|-----------------|-----------------|-------------------|-------------------|----------------|---------------|-----------------------|------------------------------|-----------------------------|---------------------|---------------------------|----------------------|
| <b>Network</b>                                   | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>221.7%</b> | <b>49</b>             | <b>388</b>                   | <b>0</b>                    | <b>742.6</b>        | -                         | -                    |
| <b>J1: M20 Westbound Off Slip / M20 Junction</b> | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>70.9%</b>  | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>7.0</b>          | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C2:A       |             | 1          | 34              | -               | 476               | 1932              | 1127           | 42.1%         | -                     | -                            | -                           | 0.7                 | 5.6                       | 1.4                  |
| 1/2+1/3                                          | Roundabout Right Ahead       | U         | C2:A       |             | 1          | 34              | -               | 684               | 1933:2068         | 1128+8         | 60.2 : 60.2%  | -                     | -                            | -                           | 1.1                 | 6.0                       | 19.5                 |
| 2/2+2/3                                          | M20 Westbound Off Slip Ahead | U         | C2:B       |             | 1          | 14              | -               | 704               | 1964:2097         | 491+524        | 70.9 : 67.9%  | -                     | -                            | -                           | 5.1                 | 26.2                      | 6.5                  |
| <b>J2: A228 Leybourne Bypass/M20 J4</b>          | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>61.5%</b>  | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>11.0</b>         | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C3:B       |             | 1          | 25              | -               | 352               | 1929              | 836            | 42.1%         | -                     | -                            | -                           | 0.6                 | 5.9                       | 0.8                  |
| 1/2                                              | Roundabout Ahead             | U         | C3:A       |             | 1          | 24              | -               | 5                 | 2066              | 861            | 0.6%          | -                     | -                            | -                           | 0.0                 | 14.5                      | 0.1                  |
| 1/3                                              | Roundabout Right             | U         | C3:A       |             | 1          | 24              | -               | 348               | 1931              | 805            | 43.3%         | -                     | -                            | -                           | 0.4                 | 4.5                       | 0.5                  |
| 1/4                                              | Roundabout Right             | U         | C3:A       |             | 1          | 24              | -               | 356               | 2066              | 861            | 41.4%         | -                     | -                            | -                           | 0.4                 | 4.1                       | 0.5                  |
| 2/1                                              | A228 By Pass (South) Left    | U         | C3:B       |             | 1          | 25              | -               | 373               | 1893              | 820            | 45.5%         | -                     | -                            | -                           | 1.7                 | 16.0                      | 4.8                  |
| 2/2                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 25              | -               | 529               | 1986              | 861            | 61.5%         | -                     | -                            | -                           | 2.7                 | 18.5                      | 7.6                  |
| 2/3                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 25              | -               | 510               | 2126              | 921            | 55.4%         | -                     | -                            | -                           | 2.4                 | 17.0                      | 6.9                  |
| 2/4                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 25              | -               | 556               | 2125              | 921            | 60.4%         | -                     | -                            | -                           | 2.8                 | 18.0                      | 7.9                  |
| Ped Link: P1                                     | Unnamed Ped Link             | -         | C3:C       |             | 1          | 16              | -               | 0                 | -                 | 19200          | 0.0%          | -                     | -                            | -                           | 0.0                 | 0.0                       | 0.0                  |
| <b>J3: M20 EB Off Slip / M20 J4</b>              | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>150.8%</b> | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>220.2</b>        | -                         | -                    |

## Basic Results Summary

|                                         |                           |   |      |  |   |    |   |      |           |         |                |          |          |          |             |       |       |
|-----------------------------------------|---------------------------|---|------|--|---|----|---|------|-----------|---------|----------------|----------|----------|----------|-------------|-------|-------|
| 1/1                                     | Roundabout Ahead          | U | C4:A |  | 1 | 34 | - | 595  | 1952      | 1139    | 52.3%          | -        | -        | -        | 2.4         | 14.3  | 9.0   |
| 1/2                                     | Roundabout Ahead          | U | C4:A |  | 1 | 34 | - | 638  | 2090      | 1219    | 52.3%          | -        | -        | -        | 2.4         | 13.6  | 9.5   |
| 1/3                                     | Roundabout Right          | U | C4:A |  | 1 | 34 | - | 510  | 1925      | 1123    | 45.4%          | -        | -        | -        | 0.4         | 3.0   | 0.5   |
| 1/4                                     | Roundabout Right          | U | C4:A |  | 1 | 34 | - | 556  | 2060      | 1202    | 46.3%          | -        | -        | -        | 0.4         | 2.8   | 0.5   |
| 2/2+2/1                                 | M20 E/B Off Slip Rd Left  | U | C4:B |  | 1 | 16 | - | 1170 | 2073:1935 | 227+548 | 150.8 : 150.8% | -        | -        | -        | 212.6       | 654.0 | 222.7 |
| 2/3+2/4                                 | M20 E/B Off Slip Rd Ahead | U | C4:B |  | 1 | 16 | - | 366  | 1935:2074 | 548+588 | 32.5 : 32.0%   | -        | -        | -        | 2.0         | 19.3  | 2.7   |
| Ped Link: P1                            | Unnamed Ped Link          | - | C4:D |  | 1 | 24 | - | 0    | -         | 28800   | 0.0%           | -        | -        | -        | 0.0         | 0.0   | 0.0   |
| Ped Link: P2                            | Unnamed Ped Link          | - | C4:C |  | 1 | 7  | - | 0    | -         | 8400    | 0.0%           | -        | -        | -        | 0.0         | 0.0   | 0.0   |
| <b>J4: A228 Castle Way (N) / M20 J4</b> | -                         | - | -    |  | - | -  | - | -    | -         | -       | <b>81.4%</b>   | <b>0</b> | <b>0</b> | <b>0</b> | <b>16.8</b> | -     | -     |
| 1/2+1/1                                 | A228 Castle Way (N) Left  | U | C5:B |  | 1 | 16 | - | 957  | 2107:1967 | 597+557 | 81.2 : 81.4%   | -        | -        | -        | 7.4         | 28.2  | 9.5   |
| 1/3                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 16 | - | 298  | 1957      | 554     | 53.5%          | -        | -        | -        | 2.1         | 25.1  | 4.7   |
| 1/4                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 16 | - | 482  | 2096      | 594     | 81.1%          | -        | -        | -        | 4.8         | 35.5  | 9.4   |
| 2/1                                     | Roundabout Ahead          | U | C5:A |  | 1 | 34 | - | 510  | 1940      | 1132    | 45.1%          | -        | -        | -        | 0.5         | 3.5   | 0.6   |
| 2/2                                     | Roundabout Ahead          | U | C5:A |  | 1 | 34 | - | 542  | 2080      | 1213    | 44.7%          | -        | -        | -        | 0.5         | 3.1   | 0.6   |
| 2/3                                     | Roundabout Right          | U | C5:A |  | 1 | 34 | - | 178  | 1926      | 1123    | 15.8%          | -        | -        | -        | 0.8         | 16.6  | 3.1   |
| 2/4                                     | Roundabout Right          | U | C5:A |  | 1 | 34 | - | 202  | 2060      | 1202    | 16.8%          | -        | -        | -        | 0.9         | 15.5  | 3.2   |
| Ped Link: P1                            | Unnamed Ped Link          | - | C5:D |  | 1 | 23 | - | 0    | -         | 27600   | 0.0%           | -        | -        | -        | 0.0         | 0.0   | 0.0   |
| Ped Link: P2                            | Unnamed Ped Link          | - | C5:C |  | 1 | 7  | - | 0    | -         | 8400    | 0.0%           | -        | -        | -        | 0.0         | 0.0   | 0.0   |

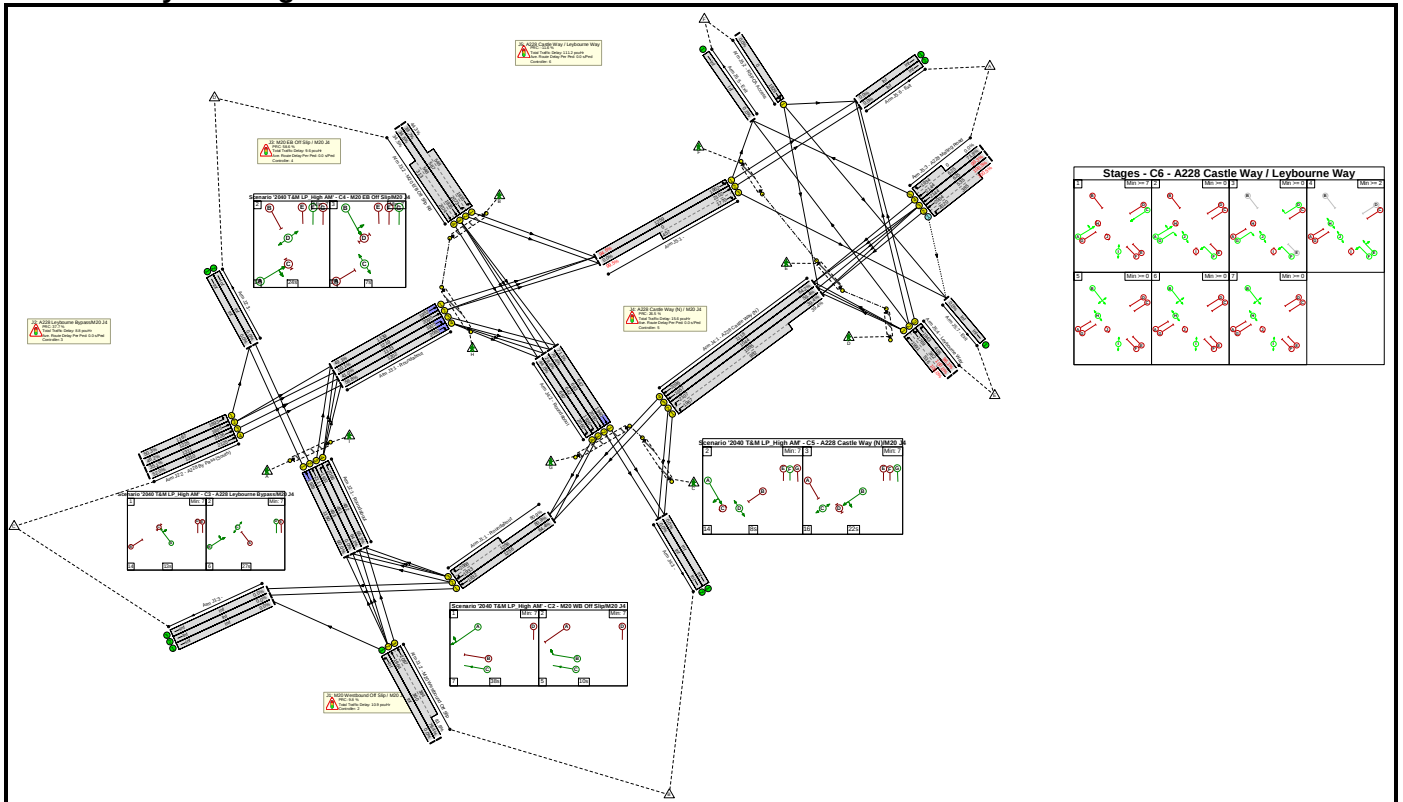
## Basic Results Summary

[illegible]

## Basic Results Summary

**Scenario 7: '2040 T&M LP\_High AM'** (FG7: '2040 T&M LP\_High AM', Plan 1: 'Network Control Plan 1')

## Network Layout Diagram



## Basic Results Summary

## Network Results

| Item                                             | Lane Description             | Lane Type | Full Phase | Arrow Phase | Num Greens | Total Green (s) | Arrow Green (s) | Demand Flow (pcu) | Sat Flow (pcu/Hr) | Capacity (pcu) | Deg Sat (%)   | Turners In Gaps (pcu) | Turners When Unopposed (pcu) | Turners In Intergreen (pcu) | Total Delay (pcuHr) | Av. Delay Per PCU (s/pcu) | Mean Max Queue (pcu) |
|--------------------------------------------------|------------------------------|-----------|------------|-------------|------------|-----------------|-----------------|-------------------|-------------------|----------------|---------------|-----------------------|------------------------------|-----------------------------|---------------------|---------------------------|----------------------|
| <b>Network</b>                                   | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>100.5%</b> | <b>85</b>             | <b>301</b>                   | <b>0</b>                    | <b>156.1</b>        | -                         | -                    |
| <b>J1: M20 Westbound Off Slip / M20 Junction</b> | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>81.9%</b>  | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>10.9</b>         | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C2:A       |             | 1          | 38              | -               | 809               | 1932              | 1256           | 64.4%         | -                     | -                            | -                           | 1.5                 | 6.6                       | 4.3                  |
| 1/2+1/3                                          | Roundabout Right Ahead       | U         | C2:A       |             | 1          | 38              | -               | 1020              | 1933:2068         | 1256+4         | 80.9 : 80.9%  | -                     | -                            | -                           | 3.4                 | 12.2                      | 22.0                 |
| 2/2+2/3                                          | M20 Westbound Off Slip Ahead | U         | C2:B       |             | 1          | 10              | -               | 601               | 1964:2097         | 360+384        | 79.4 : 81.9%  | -                     | -                            | -                           | 6.0                 | 35.7                      | 7.0                  |
| <b>J2: A228 Leybourne Bypass/M20 J4</b>          | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>65.3%</b>  | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>8.8</b>          | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C3:B       |             | 1          | 36              | -               | 714               | 1929              | 1190           | 60.0%         | -                     | -                            | -                           | 1.0                 | 4.9                       | 2.0                  |
| 1/2                                              | Roundabout Ahead             | U         | C3:A       |             | 1          | 13              | -               | 0                 | 2111              | 493            | 0.0%          | -                     | -                            | -                           | 0.0                 | 0.0                       | 0.0                  |
| 1/3                                              | Roundabout Right             | U         | C3:A       |             | 1          | 13              | -               | 289               | 1931              | 451            | 64.1%         | -                     | -                            | -                           | 1.0                 | 12.7                      | 1.5                  |
| 1/4                                              | Roundabout Right             | U         | C3:A       |             | 1          | 13              | -               | 315               | 2066              | 482            | 65.3%         | -                     | -                            | -                           | 1.1                 | 12.2                      | 1.6                  |
| 2/1                                              | A228 By Pass (South) Left    | U         | C3:B       |             | 1          | 36              | -               | 587               | 1893              | 1167           | 50.3%         | -                     | -                            | -                           | 1.5                 | 9.5                       | 5.9                  |
| 2/2                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 36              | -               | 566               | 1986              | 1225           | 46.2%         | -                     | -                            | -                           | 1.4                 | 8.9                       | 5.5                  |
| 2/3                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 36              | -               | 460               | 2126              | 1311           | 35.1%         | -                     | -                            | -                           | 1.0                 | 7.7                       | 4.0                  |
| 2/4                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 36              | -               | 682               | 2125              | 1310           | 52.0%         | -                     | -                            | -                           | 1.8                 | 9.4                       | 6.8                  |

# Basic Results Summary

|                                         |                           |   |      |  |   |    |   |     |           |          |              |          |          |          |             |      |     |
|-----------------------------------------|---------------------------|---|------|--|---|----|---|-----|-----------|----------|--------------|----------|----------|----------|-------------|------|-----|
| Ped Link: P1                            | Unnamed Ped Link          | - | C3:C |  | 1 | 27 | - | 0   | -         | 32400    | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0 |
| <b>J3: M20 EB Off Slip / M20 J4</b>     | -                         | - | -    |  | - | -  | - | -   | -         | -        | <b>56.8%</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>9.6</b>  | -    | -   |
| 1/1                                     | Roundabout Ahead          | U | C4:A |  | 1 | 34 | - | 559 | 1952      | 1139     | 49.1%        | -        | -        | -        | 1.3         | 8.2  | 6.5 |
| 1/2                                     | Roundabout Ahead          | U | C4:A |  | 1 | 34 | - | 611 | 2090      | 1219     | 50.1%        | -        | -        | -        | 1.4         | 8.1  | 7.0 |
| 1/3                                     | Roundabout Right          | U | C4:A |  | 1 | 34 | - | 460 | 1925      | 1123     | 41.0%        | -        | -        | -        | 1.0         | 8.0  | 2.6 |
| 1/4                                     | Roundabout Right          | U | C4:A |  | 1 | 34 | - | 682 | 2060      | 1202     | 56.8%        | -        | -        | -        | 1.6         | 8.7  | 3.7 |
| 2/2+2/1                                 | M20 E/B Off Slip Rd Left  | U | C4:B |  | 1 | 16 | - | 476 | 2073:1935 | 587+548  | 39.7 : 44.3% | -        | -        | -        | 2.7         | 20.2 | 3.7 |
| 2/3+2/4                                 | M20 E/B Off Slip Rd Ahead | U | C4:B |  | 1 | 16 | - | 297 | 1935:2074 | 548+313  | 34.5 : 34.5% | -        | -        | -        | 1.6         | 20.0 | 2.7 |
| Ped Link: P1                            | Unnamed Ped Link          | - | C4:D |  | 1 | 24 | - | 0   | -         | 28800    | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0 |
| Ped Link: P2                            | Unnamed Ped Link          | - | C4:C |  | 1 | 7  | - | 0   | -         | 8400     | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0 |
| <b>J4: A228 Castle Way (N) / M20 J4</b> | -                         | - | -    |  | - | -  | - | -   | -         | -        | <b>71.1%</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>15.6</b> | -    | -   |
| 1/2+1/1                                 | A228 Castle Way (N) Left  | U | C5:B |  | 1 | 31 | - | 805 | 2107:1967 | 1055+982 | 39.4 : 39.4% | -        | -        | -        | 2.1         | 9.6  | 4.3 |
| 1/3                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 31 | - | 620 | 1957      | 1044     | 59.4%        | -        | -        | -        | 2.4         | 13.8 | 7.6 |
| 1/4                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 31 | - | 718 | 2096      | 1118     | 64.2%        | -        | -        | -        | 2.9         | 14.4 | 9.3 |
| 2/1                                     | Roundabout Ahead          | U | C5:A |  | 1 | 19 | - | 460 | 1940      | 647      | 71.1%        | -        | -        | -        | 3.0         | 23.7 | 8.8 |
| 2/2                                     | Roundabout Ahead          | U | C5:A |  | 1 | 19 | - | 488 | 2080      | 693      | 70.4%        | -        | -        | -        | 3.0         | 22.0 | 9.2 |
| 2/3                                     | Roundabout Right          | U | C5:A |  | 1 | 19 | - | 189 | 1926      | 642      | 29.4%        | -        | -        | -        | 0.9         | 17.6 | 1.4 |
| 2/4                                     | Roundabout Right          | U | C5:A |  | 1 | 19 | - | 302 | 2060      | 687      | 44.0%        | -        | -        | -        | 1.3         | 15.2 | 3.7 |

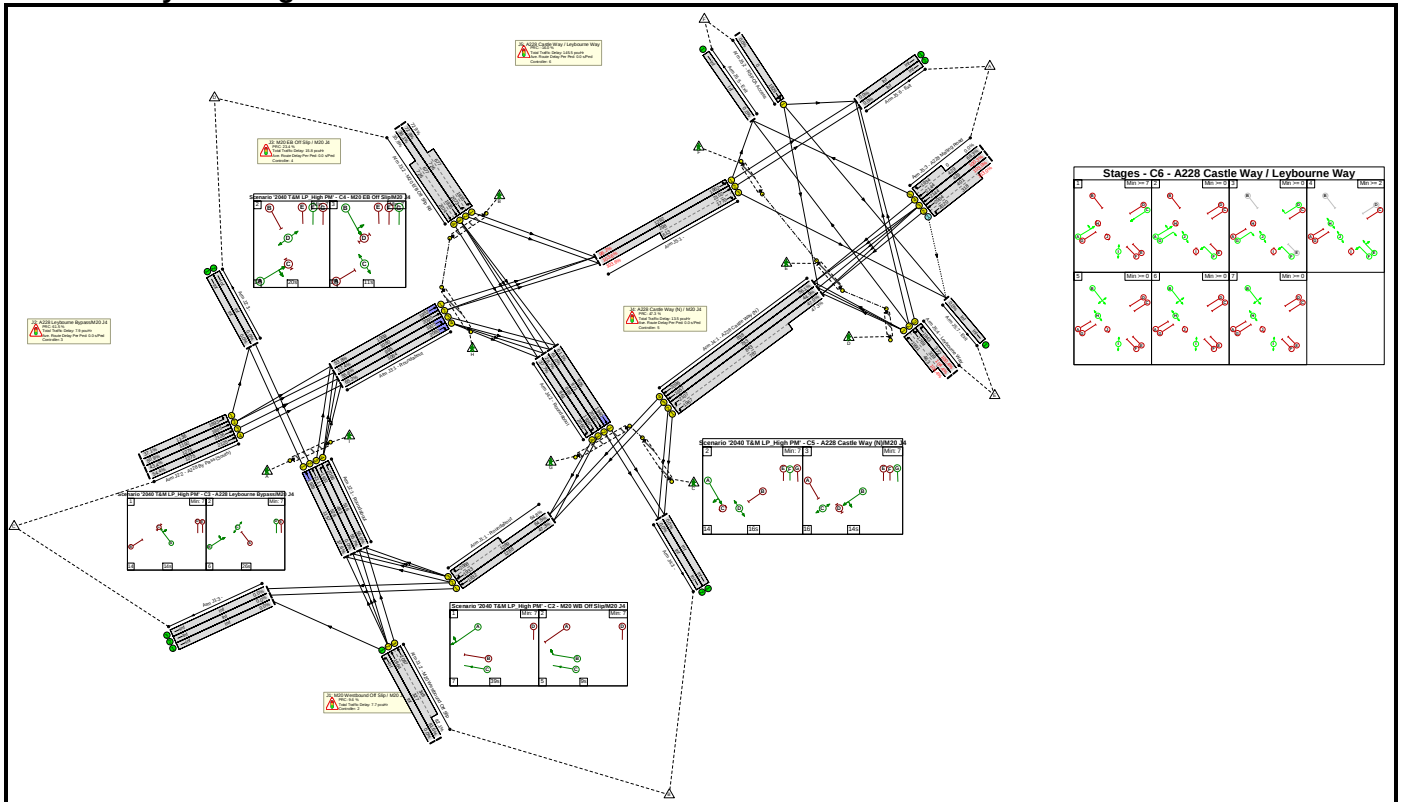
## Basic Results Summary

|                                                                                                                                                                                                                      |                                |     |              |                                                                                                                                                                                                                                                            |     |       |   |                                                                                                                                                                                                                                                                                                                                                     |           |         |                   |                                                                                                                                                         |     |   |       |       |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|-------|-------|------|
| Ped Link: P1                                                                                                                                                                                                         | Unnamed Ped Link               | -   | C5:D         |                                                                                                                                                                                                                                                            | 1   | 8     | - | 0                                                                                                                                                                                                                                                                                                                                                   | -         | 9600    | 0.0%              | -                                                                                                                                                       | -   | - | 0.0   | 0.0   | 0.0  |
| Ped Link: P2                                                                                                                                                                                                         | Unnamed Ped Link               | -   | C5:C         |                                                                                                                                                                                                                                                            | 1   | 22    | - | 0                                                                                                                                                                                                                                                                                                                                                   | -         | 26400   | 0.0%              | -                                                                                                                                                       | -   | - | 0.0   | 0.0   | 0.0  |
| J5: A228 Castle Way / Leybourne Way                                                                                                                                                                                  | -                              | -   | -            |                                                                                                                                                                                                                                                            | -   | -     | - | -                                                                                                                                                                                                                                                                                                                                                   | -         | -       | 100.5%            | 85                                                                                                                                                      | 301 | 0 | 111.2 | -     | -    |
| 1/1                                                                                                                                                                                                                  | Left Ahead                     | U   | C6:A         |                                                                                                                                                                                                                                                            | 1   | 76    | - | 1191                                                                                                                                                                                                                                                                                                                                                | 1962      | 1259    | 94.6%             | -                                                                                                                                                       | -   | - | 13.7  | 41.4  | 43.3 |
| 1/2+1/3                                                                                                                                                                                                              | Ahead Right                    | U   | C6:A<br>C6:G |                                                                                                                                                                                                                                                            | 1   | 76:30 | - | 455                                                                                                                                                                                                                                                                                                                                                 | 2102:1770 | 0+457   | 0.0 :<br>99.5%    | -                                                                                                                                                       | -   | - | 15.7  | 124.5 | 25.2 |
| 2/1                                                                                                                                                                                                                  | RSPCA Access Right Left Ahead  | U   | C6:B         |                                                                                                                                                                                                                                                            | 0   | 0     | - | 0                                                                                                                                                                                                                                                                                                                                                   | 1929      | 0       | 0.0%              | -                                                                                                                                                       | -   | - | 0.0   | 0.0   | 0.0  |
| 3/2+3/1                                                                                                                                                                                                              | A228 Malling Road Ahead Left   | U+O | C6:C -       |                                                                                                                                                                                                                                                            | 1   | 34    | - | 924                                                                                                                                                                                                                                                                                                                                                 | 2004:2020 | 535+385 | 100.5 :<br>100.5% | 85                                                                                                                                                      | 301 | 0 | 22.7  | 88.6  | 36.7 |
| 3/3                                                                                                                                                                                                                  | A228 Malling Road Ahead        | U   | C6:C         |                                                                                                                                                                                                                                                            | 1   | 34    | - | 621                                                                                                                                                                                                                                                                                                                                                 | 2144      | 625     | 99.3%             | -                                                                                                                                                       | -   | - | 18.7  | 108.6 | 32.0 |
| 3/4+3/5                                                                                                                                                                                                              | A228 Malling Road Ahead Right  | U   | C6:C<br>C6:D |                                                                                                                                                                                                                                                            | 1:0 | 34:0  | - | 449                                                                                                                                                                                                                                                                                                                                                 | 2144:1934 | 625+0   | 71.8 :<br>0.0%    | -                                                                                                                                                       | -   | - | 6.0   | 48.1  | 14.6 |
| 4/2+4/1                                                                                                                                                                                                              | Leybourne Way Left Ahead Right | U   | C6:E<br>C6:F |                                                                                                                                                                                                                                                            | 1   | 24:61 | - | 898                                                                                                                                                                                                                                                                                                                                                 | 1769:1991 | 362+536 | 100.0 :<br>100.0% | -                                                                                                                                                       | -   | - | 22.5  | 90.2  | 27.9 |
| 4/3                                                                                                                                                                                                                  | Leybourne Way Right            | U   | C6:E         |                                                                                                                                                                                                                                                            | 1   | 24    | - | 389                                                                                                                                                                                                                                                                                                                                                 | 1943      | 405     | 96.1%             | -                                                                                                                                                       | -   | - | 11.8  | 108.8 | 19.4 |
| Ped Link: P1                                                                                                                                                                                                         | Unnamed Ped Link               | -   | C6:H         |                                                                                                                                                                                                                                                            | 1   | 24    | - | 0                                                                                                                                                                                                                                                                                                                                                   | -         | 14400   | 0.0%              | -                                                                                                                                                       | -   | - | 0.0   | 0.0   | 0.0  |
| Ped Link: P2                                                                                                                                                                                                         | Unnamed Ped Link               | -   | C6:I         |                                                                                                                                                                                                                                                            | 1   | 34    | - | 0                                                                                                                                                                                                                                                                                                                                                   | -         | 20400   | 0.0%              | -                                                                                                                                                       | -   | - | 0.0   | 0.0   | 0.0  |
| Ped Link: P3                                                                                                                                                                                                         | Unnamed Ped Link               | -   | C6:J         |                                                                                                                                                                                                                                                            | 1   | 61    | - | 0                                                                                                                                                                                                                                                                                                                                                   | -         | 36600   | 0.0%              | -                                                                                                                                                       | -   | - | 0.0   | 0.0   | 0.0  |
| C1 - A228 Leybourne By-Pass/Castle Way<br>C2 - M20 WB Off Slip/M20 J4<br>C3 - A228 Leybourne Bypass/M20 J4<br>C4 - M20 EB Off Slip/M20 J4<br>C5 - A228 Castle Way (N)/M20 J4<br>C6 - A228 Castle Way / Leybourne Way |                                |     |              | PRC for Signalled Lanes (%): 0.0<br>PRC for Signalled Lanes (%): 9.8<br>PRC for Signalled Lanes (%): 37.7<br>PRC for Signalled Lanes (%): 58.6<br>PRC for Signalled Lanes (%): 26.5<br>PRC for Signalled Lanes (%): -11.6<br>PRC Over All Lanes (%): -11.6 |     |       |   | Total Delay for Signalled Lanes (pcuHr): 0.00<br>Total Delay for Signalled Lanes (pcuHr): 10.89<br>Total Delay for Signalled Lanes (pcuHr): 8.77<br>Total Delay for Signalled Lanes (pcuHr): 9.64<br>Total Delay for Signalled Lanes (pcuHr): 15.61<br>Total Delay for Signalled Lanes (pcuHr): 111.16<br>Total Delay Over All Lanes(pcuHr): 156.07 |           |         |                   | Cycle Time (s): 60<br>Cycle Time (s): 60<br>Cycle Time (s): 60<br>Cycle Time (s): 60<br>Cycle Time (s): 60<br>Cycle Time (s): 60<br>Cycle Time (s): 120 |     |   |       |       |      |

## Basic Results Summary

**Scenario 8: '2040 T&M LP\_High PM'** (FG8: '2040 T&M LP\_High PM', Plan 1: 'Network Control Plan 1')

## Network Layout Diagram



## Basic Results Summary

## Network Results

| Item                                             | Lane Description             | Lane Type | Full Phase | Arrow Phase | Num Greens | Total Green (s) | Arrow Green (s) | Demand Flow (pcu) | Sat Flow (pcu/Hr) | Capacity (pcu) | Deg Sat (%)   | Turners In Gaps (pcu) | Turners When Unopposed (pcu) | Turners In Intergreen (pcu) | Total Delay (pcuHr) | Av. Delay Per PCU (s/pcu) | Mean Max Queue (pcu) |
|--------------------------------------------------|------------------------------|-----------|------------|-------------|------------|-----------------|-----------------|-------------------|-------------------|----------------|---------------|-----------------------|------------------------------|-----------------------------|---------------------|---------------------------|----------------------|
| <b>Network</b>                                   | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>104.4%</b> | <b>120</b>            | <b>208</b>                   | <b>0</b>                    | <b>190.4</b>        | -                         | -                    |
| <b>J1: M20 Westbound Off Slip / M20 Junction</b> | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>82.1%</b>  | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>7.7</b>          | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C2:A       |             | 1          | 39              | -               | 611               | 1932              | 1288           | 47.3%         | -                     | -                            | -                           | 0.6                 | 3.7                       | 1.2                  |
| 1/2+1/3                                          | Roundabout Right Ahead       | U         | C2:A       |             | 1          | 39              | -               | 840               | 1933:2068         | 1289+3         | 64.5 : 64.8%  | -                     | -                            | -                           | 1.2                 | 5.2                       | 16.4                 |
| 2/2+2/3                                          | M20 Westbound Off Slip Ahead | U         | C2:B       |             | 1          | 9               | -               | 554               | 1964:2097         | 327+349        | 81.6 : 82.1%  | -                     | -                            | -                           | 5.9                 | 38.3                      | 6.7                  |
| <b>J2: A228 Leybourne Bypass/M20 J4</b>          | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>55.7%</b>  | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>7.9</b>          | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C3:B       |             | 1          | 35              | -               | 443               | 1929              | 1157           | 37.6%         | -                     | -                            | -                           | 0.3                 | 2.5                       | 0.3                  |
| 1/2                                              | Roundabout Ahead             | U         | C3:A       |             | 1          | 14              | -               | 0                 | 2111              | 528            | 0.0%          | -                     | -                            | -                           | 0.0                 | 0.0                       | 0.0                  |
| 1/3                                              | Roundabout Right             | U         | C3:A       |             | 1          | 14              | -               | 269               | 1931              | 483            | 55.7%         | -                     | -                            | -                           | 0.8                 | 10.3                      | 0.8                  |
| 1/4                                              | Roundabout Right             | U         | C3:A       |             | 1          | 14              | -               | 287               | 2066              | 516            | 55.6%         | -                     | -                            | -                           | 0.8                 | 9.5                       | 0.8                  |
| 2/1                                              | A228 By Pass (South) Left    | U         | C3:B       |             | 1          | 35              | -               | 421               | 1893              | 1136           | 37.1%         | -                     | -                            | -                           | 1.0                 | 8.7                       | 3.8                  |
| 2/2                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 35              | -               | 607               | 1986              | 1192           | 50.9%         | -                     | -                            | -                           | 1.7                 | 10.0                      | 6.3                  |
| 2/3                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 35              | -               | 553               | 2126              | 1276           | 43.4%         | -                     | -                            | -                           | 1.4                 | 9.0                       | 5.3                  |
| 2/4                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 35              | -               | 694               | 2125              | 1275           | 54.4%         | -                     | -                            | -                           | 2.0                 | 10.2                      | 7.3                  |
| Ped Link: P1                                     | Unnamed Ped Link             | -         | C3:C       |             | 1          | 26              | -               | 0                 | -                 | 31200          | 0.0%          | -                     | -                            | -                           | 0.0                 | 0.0                       | 0.0                  |
| <b>J3: M20 EB Off Slip / M20 J4</b>              | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>72.9%</b>  | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>15.8</b>         | -                         | -                    |

## Basic Results Summary

|                                         |                           |   |      |  |   |    |   |      |           |         |              |          |          |          |             |      |     |
|-----------------------------------------|---------------------------|---|------|--|---|----|---|------|-----------|---------|--------------|----------|----------|----------|-------------|------|-----|
| 1/1                                     | Roundabout Ahead          | U | C4:A |  | 1 | 30 | - | 543  | 1952      | 1009    | 53.8%        | -        | -        | -        | 1.9         | 12.7 | 7.4 |
| 1/2                                     | Roundabout Ahead          | U | C4:A |  | 1 | 30 | - | 620  | 2090      | 1080    | 57.4%        | -        | -        | -        | 2.2         | 12.7 | 8.8 |
| 1/3                                     | Roundabout Right          | U | C4:A |  | 1 | 30 | - | 553  | 1925      | 995     | 55.6%        | -        | -        | -        | 1.3         | 8.8  | 2.4 |
| 1/4                                     | Roundabout Right          | U | C4:A |  | 1 | 30 | - | 694  | 2060      | 1064    | 65.2%        | -        | -        | -        | 1.8         | 9.1  | 2.9 |
| 2/2+2/1                                 | M20 E/B Off Slip Rd Left  | U | C4:B |  | 1 | 20 | - | 1023 | 2073:1935 | 726+677 | 72.9 : 72.9% | -        | -        | -        | 6.2         | 21.7 | 9.0 |
| 2/3+2/4                                 | M20 E/B Off Slip Rd Ahead | U | C4:B |  | 1 | 20 | - | 518  | 1935:2074 | 677+726 | 38.1 : 35.8% | -        | -        | -        | 2.4         | 16.6 | 3.5 |
| Ped Link: P1                            | Unnamed Ped Link          | - | C4:D |  | 1 | 20 | - | 0    | -         | 24000   | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0 |
| Ped Link: P2                            | Unnamed Ped Link          | - | C4:C |  | 1 | 11 | - | 0    | -         | 13200   | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0 |
| <b>J4: A228 Castle Way (N) / M20 J4</b> | -                         | - | -    |  | - | -  | - | -    | -         | -       | <b>61.1%</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>13.5</b> | -    | -   |
| 1/2+1/1                                 | A228 Castle Way (N) Left  | U | C5:B |  | 1 | 23 | - | 792  | 2107:1967 | 843+787 | 47.0 : 47.3% | -        | -        | -        | 3.3         | 15.4 | 5.3 |
| 1/3                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 23 | - | 353  | 1957      | 783     | 44.9%        | -        | -        | -        | 1.7         | 17.3 | 4.6 |
| 1/4                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 23 | - | 478  | 2096      | 838     | 56.1%        | -        | -        | -        | 2.5         | 18.8 | 6.7 |
| 2/1                                     | Roundabout Ahead          | U | C5:A |  | 1 | 27 | - | 553  | 1940      | 905     | 61.1%        | -        | -        | -        | 1.3         | 8.2  | 1.9 |
| 2/2                                     | Roundabout Ahead          | U | C5:A |  | 1 | 27 | - | 592  | 2080      | 971     | 61.0%        | -        | -        | -        | 1.3         | 7.8  | 2.0 |
| 2/3                                     | Roundabout Right          | U | C5:A |  | 1 | 27 | - | 258  | 1926      | 899     | 28.7%        | -        | -        | -        | 1.7         | 23.1 | 4.5 |
| 2/4                                     | Roundabout Right          | U | C5:A |  | 1 | 27 | - | 362  | 2060      | 961     | 37.7%        | -        | -        | -        | 1.9         | 18.8 | 5.2 |
| Ped Link: P1                            | Unnamed Ped Link          | - | C5:D |  | 1 | 16 | - | 0    | -         | 19200   | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0 |
| Ped Link: P2                            | Unnamed Ped Link          | - | C5:C |  | 1 | 14 | - | 0    | -         | 16800   | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0 |

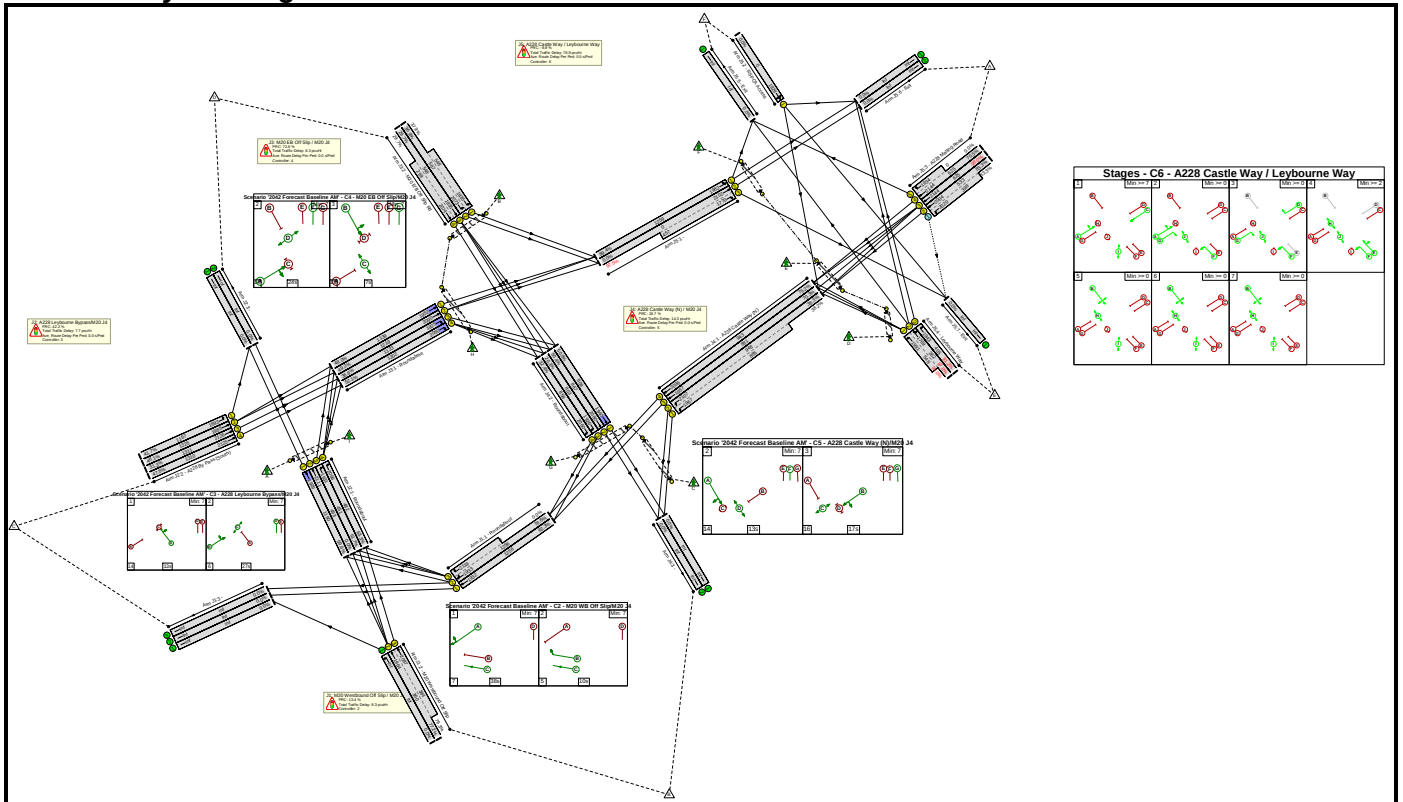
## Basic Results Summary

[illegible]

## Basic Results Summary

**Scenario 9: '2042 Forecast Baseline AM'** (FG9: '2042 Forecast Baseline AM', Plan 1: 'Network Control Plan 1')

## Network Layout Diagram



## Basic Results Summary

## Network Results

| Item                                             | Lane Description             | Lane Type | Full Phase | Arrow Phase | Num Greens | Total Green (s) | Arrow Green (s) | Demand Flow (pcu) | Sat Flow (pcu/Hr) | Capacity (pcu) | Deg Sat (%)  | Turners In Gaps (pcu) | Turners When Unopposed (pcu) | Turners In Intergreen (pcu) | Total Delay (pcuHr) | Av. Delay Per PCU (s/pcu) | Mean Max Queue (pcu) |
|--------------------------------------------------|------------------------------|-----------|------------|-------------|------------|-----------------|-----------------|-------------------|-------------------|----------------|--------------|-----------------------|------------------------------|-----------------------------|---------------------|---------------------------|----------------------|
| <b>Network</b>                                   | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>98.0%</b> | <b>86</b>             | <b>245</b>                   | <b>0</b>                    | <b>118.5</b>        | -                         | -                    |
| <b>J1: M20 Westbound Off Slip / M20 Junction</b> | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>79.3%</b> | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>9.3</b>          | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C2:A       |             | 1          | 38              | -               | 782               | 1932              | 1256           | 62.3%        | -                     | -                            | -                           | 1.0                 | 4.7                       | 3.5                  |
| 1/2+1/3                                          | Roundabout Right Ahead       | U         | C2:A       |             | 1          | 38              | -               | 987               | 1933:2119         | 1256+0         | 78.6 : 0.0%  | -                     | -                            | -                           | 2.7                 | 9.9                       | 20.8                 |
| 2/2+2/3                                          | M20 Westbound Off Slip Ahead | U         | C2:B       |             | 1          | 10              | -               | 583               | 1964:2097         | 360+384        | 77.2 : 79.3% | -                     | -                            | -                           | 5.6                 | 34.3                      | 6.6                  |
| <b>J2: A228 Leybourne Bypass/M20 J4</b>          | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>63.3%</b> | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>7.7</b>          | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C3:B       |             | 1          | 36              | -               | 709               | 1929              | 1190           | 59.6%        | -                     | -                            | -                           | 0.8                 | 3.9                       | 0.8                  |
| 1/2                                              | Roundabout Ahead             | U         | C3:A       |             | 1          | 13              | -               | 0                 | 2111              | 493            | 0.0%         | -                     | -                            | -                           | 0.0                 | 0.0                       | 0.0                  |
| 1/3                                              | Roundabout Right             | U         | C3:A       |             | 1          | 13              | -               | 278               | 1931              | 451            | 61.7%        | -                     | -                            | -                           | 0.9                 | 12.3                      | 1.0                  |
| 1/4                                              | Roundabout Right             | U         | C3:A       |             | 1          | 13              | -               | 305               | 2066              | 482            | 63.3%        | -                     | -                            | -                           | 1.0                 | 12.1                      | 1.1                  |
| 2/1                                              | A228 By Pass (South) Left    | U         | C3:B       |             | 1          | 36              | -               | 487               | 1893              | 1167           | 41.7%        | -                     | -                            | -                           | 1.2                 | 8.6                       | 4.4                  |
| 2/2                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 36              | -               | 564               | 1986              | 1225           | 46.1%        | -                     | -                            | -                           | 1.4                 | 8.9                       | 5.4                  |
| 2/3                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 36              | -               | 411               | 2126              | 1311           | 31.3%        | -                     | -                            | -                           | 0.9                 | 7.5                       | 3.4                  |
| 2/4                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 36              | -               | 626               | 2125              | 1310           | 47.8%        | -                     | -                            | -                           | 1.5                 | 8.9                       | 6.0                  |
| Ped Link: P1                                     | Unnamed Ped Link             | -         | C3:C       |             | 1          | 27              | -               | 0                 | -                 | 32400          | 0.0%         | -                     | -                            | -                           | 0.0                 | 0.0                       | 0.0                  |
| <b>J3: M20 EB Off Slip / M20 J4</b>              | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>52.1%</b> | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>8.3</b>          | -                         | -                    |

## Basic Results Summary

|                                         |                           |   |      |  |   |    |   |     |           |         |              |          |          |          |             |      |      |
|-----------------------------------------|---------------------------|---|------|--|---|----|---|-----|-----------|---------|--------------|----------|----------|----------|-------------|------|------|
| 1/1                                     | Roundabout Ahead          | U | C4:A |  | 1 | 34 | - | 547 | 1952      | 1139    | 48.0%        | -        | -        | -        | 0.9         | 6.1  | 3.3  |
| 1/2                                     | Roundabout Ahead          | U | C4:A |  | 1 | 34 | - | 600 | 2090      | 1219    | 49.2%        | -        | -        | -        | 1.0         | 6.0  | 4.0  |
| 1/3                                     | Roundabout Right          | U | C4:A |  | 1 | 34 | - | 411 | 1925      | 1123    | 36.6%        | -        | -        | -        | 1.0         | 8.7  | 3.0  |
| 1/4                                     | Roundabout Right          | U | C4:A |  | 1 | 34 | - | 626 | 2060      | 1202    | 52.1%        | -        | -        | -        | 1.7         | 9.6  | 4.4  |
| 2/2+2/1                                 | M20 E/B Off Slip Rd Left  | U | C4:B |  | 1 | 16 | - | 425 | 2073:1935 | 587+548 | 36.9 : 37.9% | -        | -        | -        | 2.3         | 19.8 | 3.2  |
| 2/3+2/4                                 | M20 E/B Off Slip Rd Ahead | U | C4:B |  | 1 | 16 | - | 252 | 1935:2074 | 548+299 | 29.7 : 29.7% | -        | -        | -        | 1.4         | 19.6 | 2.3  |
| Ped Link: P1                            | Unnamed Ped Link          | - | C4:D |  | 1 | 24 | - | 0   | -         | 28800   | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0  |
| Ped Link: P2                            | Unnamed Ped Link          | - | C4:C |  | 1 | 7  | - | 0   | -         | 8400    | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0  |
| <b>J4: A228 Castle Way (N) / M20 J4</b> | -                         | - | -    |  | - | -  | - | -   | -         | -       | <b>75.2%</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>14.3</b> | -    | -    |
| 1/2+1/1                                 | A228 Castle Way (N) Left  | U | C5:B |  | 1 | 26 | - | 701 | 2107:1967 | 948+885 | 38.3 : 38.2% | -        | -        | -        | 2.4         | 12.6 | 4.2  |
| 1/3                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 26 | - | 619 | 1957      | 881     | 70.3%        | -        | -        | -        | 3.5         | 20.1 | 9.4  |
| 1/4                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 26 | - | 709 | 2096      | 943     | 75.2%        | -        | -        | -        | 4.2         | 21.3 | 11.1 |
| 2/1                                     | Roundabout Ahead          | U | C5:A |  | 1 | 24 | - | 411 | 1940      | 808     | 50.8%        | -        | -        | -        | 1.4         | 11.9 | 5.9  |
| 2/2                                     | Roundabout Ahead          | U | C5:A |  | 1 | 24 | - | 437 | 2080      | 867     | 50.4%        | -        | -        | -        | 1.3         | 10.7 | 5.3  |
| 2/3                                     | Roundabout Right          | U | C5:A |  | 1 | 24 | - | 163 | 1926      | 803     | 20.3%        | -        | -        | -        | 0.7         | 16.1 | 1.3  |
| 2/4                                     | Roundabout Right          | U | C5:A |  | 1 | 24 | - | 278 | 2060      | 858     | 32.4%        | -        | -        | -        | 0.8         | 10.5 | 2.2  |
| Ped Link: P1                            | Unnamed Ped Link          | - | C5:D |  | 1 | 13 | - | 0   | -         | 15600   | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0  |
| Ped Link: P2                            | Unnamed Ped Link          | - | C5:C |  | 1 | 17 | - | 0   | -         | 20400   | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0  |

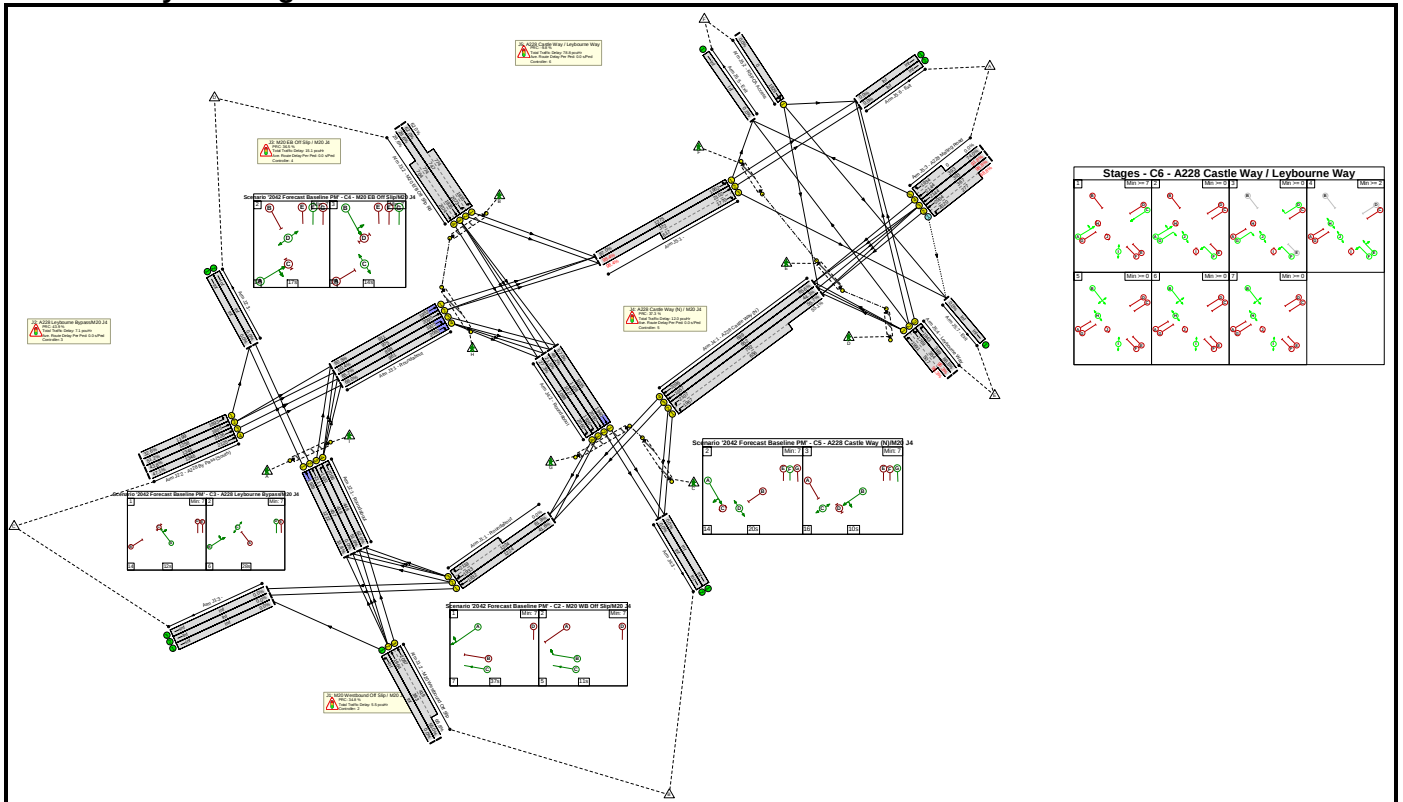
## Basic Results Summary

|                                                                                                                                                                                                                      |                                |     |              |   |     |       |   |                                          |           |         |                 |        |     |                     |      |       |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----|--------------|---|-----|-------|---|------------------------------------------|-----------|---------|-----------------|--------|-----|---------------------|------|-------|------|
| J5: A228 Castle Way / Leybourne Way                                                                                                                                                                                  | -                              | -   | -            | - | -   | -     | - | -                                        | -         | -       | 98.0%           | 86     | 245 | 0                   | 78.9 | -     | -    |
| 1/1                                                                                                                                                                                                                  | Left Ahead                     | U   | C6:A         |   | 1   | 76    | - | 1126                                     | 1962      | 1259    | 89.4%           | -      | -   | -                   | 9.6  | 30.9  | 35.3 |
| 1/2+1/3                                                                                                                                                                                                              | Ahead Right                    | U   | C6:A<br>C6:G |   | 1   | 76:30 | - | 446                                      | 2102:1770 | 0+457   | 0.0 :<br>97.5%  | -      | -   | -                   | 13.6 | 109.6 | 22.7 |
| 2/1                                                                                                                                                                                                                  | RSPCA Access Right Left Ahead  | U   | C6:B         |   | 0   | 0     | - | 0                                        | 1929      | 0       | 0.0%            | -      | -   | -                   | 0.0  | 0.0   | 0.0  |
| 3/2+3/1                                                                                                                                                                                                              | A228 Malling Road Ahead Left   | U+O | C6:C -       |   | 1   | 34    | - | 775                                      | 2004:2020 | 533+398 | 83.3 :<br>83.3% | 86     | 245 | 0                   | 7.2  | 33.4  | 15.9 |
| 3/3                                                                                                                                                                                                                  | A228 Malling Road Ahead        | U   | C6:C         |   | 1   | 34    | - | 613                                      | 2144      | 625     | 98.0%           | -      | -   | -                   | 16.9 | 99.0  | 29.9 |
| 3/4+3/5                                                                                                                                                                                                              | A228 Malling Road Ahead Right  | U   | C6:C<br>C6:D |   | 1:0 | 34:0  | - | 441                                      | 2144:1934 | 625+0   | 70.5 :<br>0.0%  | -      | -   | -                   | 5.8  | 47.5  | 14.3 |
| 4/2+4/1                                                                                                                                                                                                              | Leybourne Way Left Ahead Right | U   | C6:E<br>C6:F |   | 1   | 24:61 | - | 882                                      | 1769:1991 | 362+548 | 97.0 :<br>97.0% | -      | -   | -                   | 16.9 | 68.8  | 21.2 |
| 4/3                                                                                                                                                                                                                  | Leybourne Way Right            | U   | C6:E         |   | 1   | 24    | - | 369                                      | 1943      | 405     | 91.2%           | -      | -   | -                   | 8.9  | 87.2  | 16.2 |
| Ped Link: P1                                                                                                                                                                                                         | Unnamed Ped Link               | -   | C6:H         |   | 1   | 24    | - | 0                                        | -         | 14400   | 0.0%            | -      | -   | -                   | 0.0  | 0.0   | 0.0  |
| Ped Link: P2                                                                                                                                                                                                         | Unnamed Ped Link               | -   | C6:I         |   | 1   | 34    | - | 0                                        | -         | 20400   | 0.0%            | -      | -   | -                   | 0.0  | 0.0   | 0.0  |
| Ped Link: P3                                                                                                                                                                                                         | Unnamed Ped Link               | -   | C6:J         |   | 1   | 61    | - | 0                                        | -         | 36600   | 0.0%            | -      | -   | -                   | 0.0  | 0.0   | 0.0  |
| C1 - A228 Leybourne By-Pass/Castle Way<br>C2 - M20 WB Off Slip/M20 J4<br>C3 - A228 Leybourne Bypass/M20 J4<br>C4 - M20 EB Off Slip/M20 J4<br>C5 - A228 Castle Way (N)/M20 J4<br>C6 - A228 Castle Way / Leybourne Way |                                |     |              |   |     |       |   |                                          |           |         |                 |        |     |                     |      |       |      |
| PRC for Signalled Lanes (%):                                                                                                                                                                                         |                                |     |              |   |     | 0.0   |   | Total Delay for Signalled Lanes (pcuHr): |           |         |                 | 0.00   |     | Cycle Time (s): 60  |      |       |      |
| PRC for Signalled Lanes (%):                                                                                                                                                                                         |                                |     |              |   |     | 13.4  |   | Total Delay for Signalled Lanes (pcuHr): |           |         |                 | 9.29   |     | Cycle Time (s): 60  |      |       |      |
| PRC for Signalled Lanes (%):                                                                                                                                                                                         |                                |     |              |   |     | 42.2  |   | Total Delay for Signalled Lanes (pcuHr): |           |         |                 | 7.69   |     | Cycle Time (s): 60  |      |       |      |
| PRC for Signalled Lanes (%):                                                                                                                                                                                         |                                |     |              |   |     | 72.8  |   | Total Delay for Signalled Lanes (pcuHr): |           |         |                 | 8.31   |     | Cycle Time (s): 60  |      |       |      |
| PRC for Signalled Lanes (%):                                                                                                                                                                                         |                                |     |              |   |     | 19.7  |   | Total Delay for Signalled Lanes (pcuHr): |           |         |                 | 14.30  |     | Cycle Time (s): 60  |      |       |      |
| PRC for Signalled Lanes (%):                                                                                                                                                                                         |                                |     |              |   |     | -8.9  |   | Total Delay for Signalled Lanes (pcuHr): |           |         |                 | 78.90  |     | Cycle Time (s): 120 |      |       |      |
| PRC Over All Lanes (%):                                                                                                                                                                                              |                                |     |              |   |     | -8.9  |   | Total Delay Over All Lanes(pcuHr):       |           |         |                 | 118.49 |     |                     |      |       |      |

## Basic Results Summary

**Scenario 10: '2042 Forecast Baseline PM' (FG10: '2042 Forecast Baseline PM', Plan 1: 'Network Control Plan 1')**

## Network Layout Diagram



## Basic Results Summary

## Network Results

| Item                                             | Lane Description             | Lane Type | Full Phase | Arrow Phase | Num Greens | Total Green (s) | Arrow Green (s) | Demand Flow (pcu) | Sat Flow (pcu/Hr) | Capacity (pcu) | Deg Sat (%)  | Turners In Gaps (pcu) | Turners When Unopposed (pcu) | Turners In Intergreen (pcu) | Total Delay (pcuHr) | Av. Delay Per PCU (s/pcu) | Mean Max Queue (pcu) |
|--------------------------------------------------|------------------------------|-----------|------------|-------------|------------|-----------------|-----------------|-------------------|-------------------|----------------|--------------|-----------------------|------------------------------|-----------------------------|---------------------|---------------------------|----------------------|
| <b>Network</b>                                   | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>98.8%</b> | <b>103</b>            | <b>171</b>                   | <b>0</b>                    | <b>118.4</b>        | -                         | -                    |
| <b>J1: M20 Westbound Off Slip / M20 Junction</b> | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>66.8%</b> | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>5.5</b>          | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C2:A       |             | 1          | 37              | -               | 509               | 1932              | 1224           | 41.6%        | -                     | -                            | -                           | 0.5                 | 3.4                       | 1.8                  |
| 1/2+1/3                                          | Roundabout Right Ahead       | U         | C2:A       |             | 1          | 37              | -               | 758               | 1933:2119         | 1224+0         | 61.9 : 0.0%  | -                     | -                            | -                           | 1.2                 | 5.6                       | 16.9                 |
| 2/2+2/3                                          | M20 Westbound Off Slip Ahead | U         | C2:B       |             | 1          | 11              | -               | 496               | 1964:2097         | 393+419        | 55.0 : 66.8% | -                     | -                            | -                           | 3.8                 | 27.6                      | 5.1                  |
| <b>J2: A228 Leybourne Bypass/M20 J4</b>          | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>62.6%</b> | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>7.1</b>          | -                         | -                    |
| 1/1                                              | Roundabout Ahead             | U         | C3:B       |             | 1          | 37              | -               | 388               | 1929              | 1222           | 31.8%        | -                     | -                            | -                           | 0.2                 | 2.2                       | 0.2                  |
| 1/2                                              | Roundabout Ahead             | U         | C3:A       |             | 1          | 12              | -               | 0                 | 2111              | 457            | 0.0%         | -                     | -                            | -                           | 0.0                 | 0.0                       | 0.0                  |
| 1/3                                              | Roundabout Right             | U         | C3:A       |             | 1          | 12              | -               | 216               | 1931              | 418            | 51.6%        | -                     | -                            | -                           | 0.7                 | 11.3                      | 0.7                  |
| 1/4                                              | Roundabout Right             | U         | C3:A       |             | 1          | 12              | -               | 280               | 2066              | 448            | 62.6%        | -                     | -                            | -                           | 1.1                 | 13.5                      | 1.1                  |
| 2/1                                              | A228 By Pass (South) Left    | U         | C3:B       |             | 1          | 37              | -               | 391               | 1893              | 1199           | 32.6%        | -                     | -                            | -                           | 0.8                 | 7.3                       | 3.2                  |
| 2/2                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 37              | -               | 644               | 1986              | 1258           | 51.2%        | -                     | -                            | -                           | 1.6                 | 8.9                       | 6.2                  |
| 2/3                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 37              | -               | 590               | 2126              | 1346           | 43.8%        | -                     | -                            | -                           | 1.3                 | 8.0                       | 5.3                  |
| 2/4                                              | A228 By Pass (South) Ahead   | U         | C3:B       |             | 1          | 37              | -               | 634               | 2125              | 1346           | 47.1%        | -                     | -                            | -                           | 1.5                 | 8.3                       | 5.9                  |
| Ped Link: P1                                     | Unnamed Ped Link             | -         | C3:C       |             | 1          | 28              | -               | 0                 | -                 | 33600          | 0.0%         | -                     | -                            | -                           | 0.0                 | 0.0                       | 0.0                  |
| <b>J3: M20 EB Off Slip / M20 J4</b>              | -                            | -         | -          |             | -          | -               | -               | -                 | -                 | -              | <b>66.0%</b> | <b>0</b>              | <b>0</b>                     | <b>0</b>                    | <b>15.1</b>         | -                         | -                    |

## Basic Results Summary

|                                         |                           |   |      |  |   |    |   |     |           |         |              |          |          |          |             |      |     |
|-----------------------------------------|---------------------------|---|------|--|---|----|---|-----|-----------|---------|--------------|----------|----------|----------|-------------|------|-----|
| 1/1                                     | Roundabout Ahead          | U | C4:A |  | 1 | 27 | - | 551 | 1952      | 911     | 60.5%        | -        | -        | -        | 2.1         | 13.5 | 6.5 |
| 1/2                                     | Roundabout Ahead          | U | C4:A |  | 1 | 27 | - | 589 | 2090      | 975     | 60.4%        | -        | -        | -        | 2.2         | 13.2 | 7.7 |
| 1/3                                     | Roundabout Right          | U | C4:A |  | 1 | 27 | - | 590 | 1925      | 898     | 65.7%        | -        | -        | -        | 2.3         | 14.3 | 4.3 |
| 1/4                                     | Roundabout Right          | U | C4:A |  | 1 | 27 | - | 634 | 2060      | 961     | 66.0%        | -        | -        | -        | 2.4         | 13.5 | 4.3 |
| 2/2+2/1                                 | M20 E/B Off Slip Rd Left  | U | C4:B |  | 1 | 23 | - | 943 | 2073:1935 | 747+774 | 62.0 : 62.0% | -        | -        | -        | 4.5         | 17.3 | 7.1 |
| 2/3+2/4                                 | M20 E/B Off Slip Rd Ahead | U | C4:B |  | 1 | 23 | - | 422 | 1935:2074 | 774+704 | 28.6 : 28.6% | -        | -        | -        | 1.6         | 13.8 | 2.7 |
| Ped Link: P1                            | Unnamed Ped Link          | - | C4:D |  | 1 | 17 | - | 0   | -         | 20400   | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0 |
| Ped Link: P2                            | Unnamed Ped Link          | - | C4:C |  | 1 | 14 | - | 0   | -         | 16800   | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0 |
| <b>J4: A228 Castle Way (N) / M20 J4</b> | -                         | - | -    |  | - | -  | - | -   | -         | -       | <b>65.6%</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>12.0</b> | -    | -   |
| 1/2+1/1                                 | A228 Castle Way (N) Left  | U | C5:B |  | 1 | 19 | - | 752 | 2107:1967 | 702+656 | 55.7 : 55.1% | -        | -        | -        | 4.0         | 19.3 | 5.9 |
| 1/3                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 19 | - | 288 | 1957      | 652     | 44.1%        | -        | -        | -        | 1.6         | 20.6 | 4.1 |
| 1/4                                     | A228 Castle Way (N) Ahead | U | C5:B |  | 1 | 19 | - | 458 | 2096      | 699     | 65.6%        | -        | -        | -        | 3.1         | 24.5 | 7.4 |
| 2/1                                     | Roundabout Ahead          | U | C5:A |  | 1 | 31 | - | 590 | 1940      | 1035    | 57.0%        | -        | -        | -        | 0.8         | 5.2  | 4.6 |
| 2/2                                     | Roundabout Ahead          | U | C5:A |  | 1 | 31 | - | 535 | 2080      | 1109    | 48.2%        | -        | -        | -        | 0.6         | 4.0  | 3.5 |
| 2/3                                     | Roundabout Right          | U | C5:A |  | 1 | 31 | - | 221 | 1926      | 1027    | 21.5%        | -        | -        | -        | 0.9         | 14.3 | 2.2 |
| 2/4                                     | Roundabout Right          | U | C5:A |  | 1 | 31 | - | 300 | 2060      | 1099    | 27.3%        | -        | -        | -        | 0.8         | 10.0 | 2.4 |
| Ped Link: P1                            | Unnamed Ped Link          | - | C5:D |  | 1 | 20 | - | 0   | -         | 24000   | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0 |
| Ped Link: P2                            | Unnamed Ped Link          | - | C5:C |  | 1 | 10 | - | 0   | -         | 12000   | 0.0%         | -        | -        | -        | 0.0         | 0.0  | 0.0 |

## Basic Results Summary

|                                        |                                |     |              |                              |     |       |   |                                          |           |         |                 |                 |     |   |      |      |      |
|----------------------------------------|--------------------------------|-----|--------------|------------------------------|-----|-------|---|------------------------------------------|-----------|---------|-----------------|-----------------|-----|---|------|------|------|
| J5: A228 Castle Way / Leybourne Way    | -                              | -   | -            |                              | -   | -     | - | -                                        | -         | -       | 98.8%           | 103             | 171 | 0 | 78.8 | -    | -    |
| 1/1                                    | Left Ahead                     | U   | C6:A         |                              | 1   | 77    | - | 1110                                     | 1962      | 1275    | 87.0%           | -               | -   | - | 8.5  | 27.4 | 32.8 |
| 1/2+1/3                                | Ahead Right                    | U   | C6:A<br>C6:G |                              | 1   | 77:44 | - | 973                                      | 2102:1770 | 372+617 | 98.4 :<br>98.4% | -               | -   | - | 19.1 | 70.8 | 33.6 |
| 2/1                                    | RSPCA Access Right Left Ahead  | U   | C6:B         |                              | 0   | 0     | - | 0                                        | 1929      | 0       | 0.0%            | -               | -   | - | 0.0  | 0.0  | 0.0  |
| 3/2+3/1                                | A228 Mallng Road Ahead Left    | U+O | C6:C -       |                              | 1   | 21    | - | 637                                      | 2004:2020 | 367+277 | 98.8 :<br>98.8% | 103             | 171 | 0 | 15.8 | 89.1 | 22.8 |
| 3/3                                    | A228 Mallng Road Ahead         | U   | C6:C         |                              | 1   | 21    | - | 361                                      | 2144      | 393     | 91.8%           | -               | -   | - | 9.2  | 92.1 | 16.1 |
| 3/4+3/5                                | A228 Mallng Road Ahead Right   | U   | C6:C<br>C6:D |                              | 1:0 | 21:0  | - | 291                                      | 2144:1934 | 393+0   | 74.0 :<br>0.0%  | -               | -   | - | 5.1  | 63.5 | 10.5 |
| 4/2+4/1                                | Leybourne Way Left Ahead Right | U   | C6:E<br>C6:F |                              | 1   | 23:74 | - | 820                                      | 1769:1991 | 354+507 | 95.3 :<br>95.3% | -               | -   | - | 13.3 | 58.4 | 18.4 |
| 4/3                                    | Leybourne Way Right            | U   | C6:E         |                              | 1   | 23    | - | 344                                      | 1943      | 389     | 88.5%           | -               | -   | - | 7.8  | 81.7 | 14.4 |
| Ped Link: P1                           | Unnamed Ped Link               | -   | C6:H         |                              | 1   | 23    | - | 0                                        | -         | 13800   | 0.0%            | -               | -   | - | 0.0  | 0.0  | 0.0  |
| Ped Link: P2                           | Unnamed Ped Link               | -   | C6:I         |                              | 1   | 21    | - | 0                                        | -         | 12600   | 0.0%            | -               | -   | - | 0.0  | 0.0  | 0.0  |
| Ped Link: P3                           | Unnamed Ped Link               | -   | C6:J         |                              | 1   | 74    | - | 0                                        | -         | 44400   | 0.0%            | -               | -   | - | 0.0  | 0.0  | 0.0  |
| C1 - A228 Leybourne By-Pass/Castle Way |                                |     |              | PRC for Signalled Lanes (%): |     |       |   | Total Delay for Signalled Lanes (pcuHr): |           |         |                 | Cycle Time (s): |     |   |      |      |      |
| C2 - M20 WB Off Slip/M20 J4            |                                |     |              | PRC for Signalled Lanes (%): |     |       |   | Total Delay for Signalled Lanes (pcuHr): |           |         |                 | 5.45            |     |   |      |      |      |
| C3 - A228 Leybourne Bypass/M20 J4      |                                |     |              | PRC for Signalled Lanes (%): |     |       |   | Total Delay for Signalled Lanes (pcuHr): |           |         |                 | 7.11            |     |   |      |      |      |
| C4 - M20 EB Off Slip/M20 J4            |                                |     |              | PRC for Signalled Lanes (%): |     |       |   | Total Delay for Signalled Lanes (pcuHr): |           |         |                 | 15.09           |     |   |      |      |      |
| C5 - A228 Castle Way (N)/M20 J4        |                                |     |              | PRC for Signalled Lanes (%): |     |       |   | Total Delay for Signalled Lanes (pcuHr): |           |         |                 | 11.96           |     |   |      |      |      |
| C6 - A228 Castle Way / Leybourne Way   |                                |     |              | PRC for Signalled Lanes (%): |     |       |   | Total Delay for Signalled Lanes (pcuHr): |           |         |                 | 78.83           |     |   |      |      |      |
|                                        |                                |     |              | PRC Over All Lanes (%):      |     |       |   | Total Delay Over All Lanes(pcuHr):       |           |         |                 | 118.45          |     |   |      |      |      |