**Basic Results Summary**

**User and Project Details**

|  |  |
| --- | --- |
| **Project:** |  |
| **Title:** |  |
| **Location:** |  |
| **Additional detail:** |  |
| **File name:** | Stockbridge Crossroads.lsg3x |
| **Author:** |  |
| **Company:** |  |
| **Address:** |  |

**Scenario 1: '2035 Without SLR AM'** (FG1: '2035 Without SLR AM', Plan 1: 'Network Control Plan 1')

**Network Layout Diagram**



**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)** |
| **Network** | **-** | **-** | **-** |  | **-** | **-** | **-** | **-** | **-** | **-** | **154.6%** | **54** | **1222** | **0** | **945.7** | **-** | **-** |
| **Stockbridge Junction** | **-** | **-** | **-** |  | **-** | **-** | **-** | **-** | **-** | **-** | **154.6%** | **54** | **1222** | **0** | **945.7** | **-** | **-** |
| 1/2+1/1 | Chichester Bypass West Left Ahead | U+O | A - |  | 1 | 26 | - | 1166 | 1980:1439 | 891+198 | 107.1 : 107.1% | 39 | 173 | 0 | 51.2 | 158.1 | 66.7 |
| 1/3 | Chichester Bypass West Ahead | U | A |  | 1 | 26 | - | 1021 | 2120 | 954 | 107.0% | - | - | - | 46.4 | 163.7 | 58.0 |
| 2/2+2/1 | Stockbridge Road North Right Left Ahead | U+O | C - |  | 1 | 7 | - | 310 | 1931:1439 | 257+85 | 90.5 : 90.5% | 0 | 77 | 0 | 5.6 | 65.6 | 7.7 |
| 2/3 | Stockbridge Road North Right | U | C |  | 1 | 7 | - | 192 | 1707 | 228 | 84.4% | - | - | - | 3.7 | 70.0 | 5.5 |
| 3/2+3/1 | Chichester Bypass East Ahead Left | U+O | B - |  | 1 | 27 | - | 1603 | 1980:1439 | 589+447 | 154.6 : 154.6% | 16 | 432 | 0 | 305.4 | 685.9 | 346.7 |
| 3/3 | Chichester Bypass East Ahead | U | B |  | 1 | 27 | - | 1527 | 2120 | 989 | 154.3% | - | - | - | 291.9 | 688.2 | 304.7 |
| 4/2+4/1 | Stockbridge Road South Left Ahead Right | U+O | D - |  | 1 | 10 | - | 1174 | 1935:1439 | 237+540 | 151.1 : 151.1% | 0 | 540 | 0 | 218.7 | 670.7 | 254.5 |
| 4/3 | Stockbridge Road South Right | U | D |  | 1 | 10 | - | 329 | 1629 | 299 | 110.2% | - | - | - | 22.7 | 248.3 | 25.6 |
|  C1 PRC for Signalled Lanes (%): -71.8 Total Delay for Signalled Lanes (pcuHr): 945.72 Cycle Time (s): 60 PRC Over All Lanes (%): -71.8 Total Delay Over All Lanes(pcuHr): 945.72  |

**Scenario 2: '2035 Without SLR PM'** (FG2: '2035 Without SLR PM', Plan 1: 'Network Control Plan 1')

**Network Layout Diagram**



**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)** |
| **Network** | **-** | **-** | **-** |  | **-** | **-** | **-** | **-** | **-** | **-** | **139.4%** | **1** | **1511** | **0** | **998.0** | **-** | **-** |
| **Stockbridge Junction** | **-** | **-** | **-** |  | **-** | **-** | **-** | **-** | **-** | **-** | **139.4%** | **1** | **1511** | **0** | **998.0** | **-** | **-** |
| 1/2+1/1 | Chichester Bypass West Left Ahead | U+O | A - |  | 1 | 26 | - | 1249 | 1980:1439 | 891+6 | 139.3 : 139.3% | 1 | 4 | 0 | 193.2 | 557.0 | 228.3 |
| 1/3 | Chichester Bypass West Ahead | U | A |  | 1 | 26 | - | 1330 | 2120 | 954 | 139.4% | - | - | - | 206.2 | 558.1 | 218.2 |
| 2/2+2/1 | Stockbridge Road North Right Left Ahead | U+O | C - |  | 1 | 7 | - | 457 | 1940:1439 | 259+100 | 127.6 : 127.6% | 0 | 127 | 0 | 55.9 | 440.2 | 60.0 |
| 2/3 | Stockbridge Road North Right | U | C |  | 1 | 7 | - | 157 | 1707 | 228 | 69.0% | - | - | - | 2.2 | 49.6 | 3.6 |
| 3/2+3/1 | Chichester Bypass East Ahead Left | U+O | B - |  | 1 | 27 | - | 1673 | 1980:1439 | 448+824 | 131.6 : 131.6% | 0 | 824 | 0 | 218.3 | 469.8 | 289.4 |
| 3/3 | Chichester Bypass East Ahead | U | B |  | 1 | 27 | - | 1297 | 2120 | 989 | 131.1% | - | - | - | 170.2 | 472.4 | 182.7 |
| 4/2+4/1 | Stockbridge Road South Left Ahead Right | U+O | D - |  | 1 | 10 | - | 985 | 1820:1439 | 235+556 | 124.5 : 124.5% | 0 | 556 | 0 | 109.9 | 401.8 | 145.2 |
| 4/3 | Stockbridge Road South Right | U | D |  | 1 | 10 | - | 368 | 1629 | 299 | 123.2% | - | - | - | 42.0 | 411.1 | 45.3 |
|  C1 PRC for Signalled Lanes (%): -54.9 Total Delay for Signalled Lanes (pcuHr): 997.95 Cycle Time (s): 60 PRC Over All Lanes (%): -54.9 Total Delay Over All Lanes(pcuHr): 997.95  |

**Scenario 3: '2035 With SLR AM'** (FG3: '2035 With SLR AM', Plan 1: 'Network Control Plan 1')

**Network Layout Diagram**



**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)** |
| **Network** | **-** | **-** | **-** |  | **-** | **-** | **-** | **-** | **-** | **-** | **146.3%** | **58** | **1319** | **0** | **825.6** | **-** | **-** |
| **Stockbridge Junction** | **-** | **-** | **-** |  | **-** | **-** | **-** | **-** | **-** | **-** | **146.3%** | **58** | **1319** | **0** | **825.6** | **-** | **-** |
| 1/2+1/1 | Chichester Bypass West Left Ahead | U+O | A - |  | 1 | 28 | - | 1164 | 1980:1439 | 948+263 | 96.1 : 96.1% | 38 | 215 | 0 | 12.7 | 39.4 | 23.4 |
| 1/3 | Chichester Bypass West Ahead | U | A |  | 1 | 28 | - | 975 | 2120 | 1025 | 95.2% | - | - | - | 11.5 | 42.6 | 23.0 |
| 2/2+2/1 | Stockbridge Road North Right Left Ahead | U+O | C - |  | 1 | 7 | - | 303 | 1929:1439 | 257+86 | 88.3 : 88.3% | 0 | 76 | 0 | 5.0 | 59.5 | 6.9 |
| 2/3 | Stockbridge Road North Right | U | C |  | 1 | 7 | - | 186 | 1707 | 228 | 81.7% | - | - | - | 3.3 | 64.7 | 5.0 |
| 3/2+3/1 | Chichester Bypass East Ahead Left | U+O | B - |  | 1 | 29 | - | 1643 | 1980:1439 | 585+539 | 146.1 : 146.1% | 20 | 519 | 0 | 279.5 | 612.5 | 323.0 |
| 3/3 | Chichester Bypass East Ahead | U | B |  | 1 | 29 | - | 1546 | 2120 | 1060 | 145.8% | - | - | - | 264.3 | 615.5 | 278.4 |
| 4/2+4/1 | Stockbridge Road South Left Ahead Right | U+O | D - |  | 1 | 8 | - | 1067 | 1928:1439 | 221+509 | 146.3 : 146.3% | 0 | 509 | 0 | 186.5 | 629.3 | 219.8 |
| 4/3 | Stockbridge Road South Right | U | D |  | 1 | 8 | - | 354 | 1629 | 244 | 144.9% | - | - | - | 62.6 | 636.8 | 65.7 |
|  C1 PRC for Signalled Lanes (%): -62.5 Total Delay for Signalled Lanes (pcuHr): 825.63 Cycle Time (s): 60 PRC Over All Lanes (%): -62.5 Total Delay Over All Lanes(pcuHr): 825.63  |

**Scenario 4: '2035 With SLR PM'** (FG4: '2035 With SLR PM', Plan 1: 'Network Control Plan 1')

**Network Layout Diagram**



**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)** |
| **Network** | **-** | **-** | **-** |  | **-** | **-** | **-** | **-** | **-** | **-** | **125.5%** | **3** | **586** | **0** | **545.6** | **-** | **-** |
| **Stockbridge Junction** | **-** | **-** | **-** |  | **-** | **-** | **-** | **-** | **-** | **-** | **125.5%** | **3** | **586** | **0** | **545.6** | **-** | **-** |
| 1/2+1/1 | Chichester Bypass West Left Ahead | U+O | A - |  | 1 | 29 | - | 1376 | 1980:1439 | 990+107 | 125.5 : 125.5% | 3 | 104 | 0 | 154.6 | 404.5 | 194.9 |
| 1/3 | Chichester Bypass West Ahead | U | A |  | 1 | 29 | - | 1329 | 2120 | 1060 | 125.4% | - | - | - | 149.7 | 405.6 | 163.6 |
| 2/2+2/1 | Stockbridge Road North Right Left Ahead | U+O | C - |  | 1 | 7 | - | 313 | 1940:1439 | 259+68 | 95.9 : 95.9% | 0 | 65 | 0 | 8.0 | 92.3 | 10.2 |
| 2/3 | Stockbridge Road North Right | U | C |  | 1 | 7 | - | 161 | 1707 | 228 | 70.7% | - | - | - | 2.3 | 51.0 | 3.7 |
| 3/2+3/1 | Chichester Bypass East Ahead Left | U+O | B - |  | 1 | 30 | - | 1272 | 1980:1439 | 713+367 | 117.8 : 117.8% | 0 | 366 | 0 | 108.1 | 305.9 | 147.5 |
| 3/3 | Chichester Bypass East Ahead | U | B |  | 1 | 30 | - | 1288 | 2120 | 1095 | 117.6% | - | - | - | 110.0 | 307.5 | 124.2 |
| 4/2+4/1 | Stockbridge Road South Left Ahead Right | U+O | D - |  | 1 | 7 | - | 280 | 1798:1439 | 239+53 | 95.8 : 95.8% | 0 | 51 | 0 | 7.6 | 97.9 | 9.8 |
| 4/3 | Stockbridge Road South Right | U | D |  | 1 | 7 | - | 199 | 1629 | 217 | 91.6% | - | - | - | 5.3 | 95.2 | 7.1 |
|  C1 PRC for Signalled Lanes (%): -39.4 Total Delay for Signalled Lanes (pcuHr): 545.63 Cycle Time (s): 60 PRC Over All Lanes (%): -39.4 Total Delay Over All Lanes(pcuHr): 545.63  |