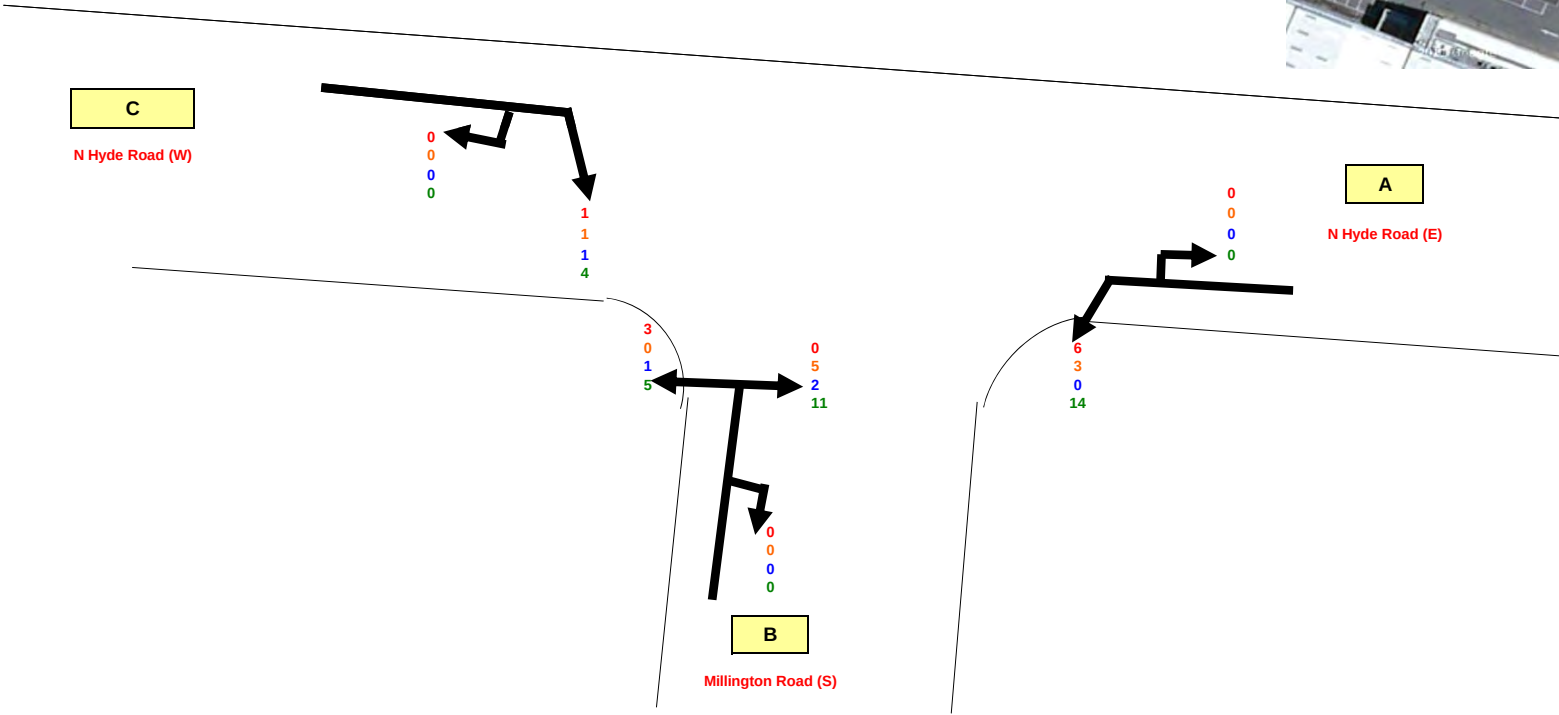


Title Hayes and Harlington  
Site 4 - N Hyde Road/Millington Road  
Date Wednesday 14th March 2012  
Time 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Survey Period | Peak Hour PCU |    |
|---------------|---------------|----|
| 07:30 - 09:30 | 07:45 - 08:45 | 10 |
| 12:00 - 14:00 | 12:00 - 13:00 | 9  |
| 16:30 - 18:30 | 17:15 - 18:15 | 4  |
| Total PCU     |               | 34 |



**Title** Hayes and Harlington  
**Site** 4 - N Hyde Road/Millington Road  
**Date** Wednesday 14th March 2012  
**Time** 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Peak Period      | PCUs      |
|------------------|-----------|
| 07:45 - 08:45    | 6         |
| 12:00 - 13:00    | 3         |
| 17:15 - 18:15    | 0         |
| <b>Total PCU</b> | <b>14</b> |

**A into B**

| N Hyde Road (E) Westbound left into Millington Road (S) |     |      |     |       |       |     |       |         |         |        |               |               |                     |
|---------------------------------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Time                                                    | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 07:30 - 08:30 | 6                   |
| 07:45 - 08:00                                           | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 07:45 - 08:45 | 6                   |
| H/TOT                                                   | 2   |      |     |       |       |     |       |         |         | 2      | 2             |               |                     |
| 08:00 - 08:15                                           | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 08:00 - 09:00 | 7                   |
| 08:15 - 08:30                                           | 3   | 0    | 0   | 0     | 0     | 0   | 0     | 1       | 0       | 4      | 3             | 08:15 - 09:15 | 7                   |
| 08:30 - 08:45                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 1       | 0       | 1      | 0             | 08:30 - 09:30 | 4                   |
| 08:45 - 09:00                                           | 3   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 3      | 3             |               |                     |
| H/TOT                                                   | 7   |      |     |       |       |     |       | 2       |         | 9      | 7             |               |                     |
| 09:00 - 09:15                                           | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| 09:15 - 09:30                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| H/TOT                                                   | 1   |      |     |       |       |     |       |         |         | 1      | 1             |               |                     |
| 12:00 - 12:15                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 12:00 - 13:00 | 3                   |
| 12:15 - 12:30                                           | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 1       | 3      | 2             | 12:15 - 13:15 | 3                   |
| 12:30 - 12:45                                           | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 12:30 - 13:30 | 1                   |
| 12:45 - 13:00                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 12:45 - 13:45 | 0                   |
| H/TOT                                                   | 3   |      |     |       |       |     |       |         | 1       | 4      | 3             |               |                     |
| 13:00 - 13:15                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 13:00 - 14:00 | 1                   |
| 13:15 - 13:30                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| 13:30 - 13:45                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| 13:45 - 14:00                                           | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                                                   | 1   |      |     |       |       |     |       |         |         | 1      | 1             |               |                     |
| 16:30 - 16:45                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 16:30 - 17:30 | 0                   |
| 16:45 - 17:00                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 16:45 - 17:45 | 0                   |
| H/TOT                                                   |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| 17:00 - 17:15                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 17:00 - 18:00 | 0                   |
| 17:15 - 17:30                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 17:15 - 18:15 | 0                   |
| 17:30 - 17:45                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 17:30 - 18:30 | 0                   |
| 17:45 - 18:00                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| H/TOT                                                   |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| 18:00 - 18:15                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| 18:15 - 18:30                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| H/TOT                                                   |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| P/TOT                                                   | 14  | 0    | 0   | 0     | 0     | 0   | 0     | 2       | 1       | 17     | 14            |               |                     |

|              |                                                |
|--------------|------------------------------------------------|
| <b>Title</b> | Hayes and Harlington                           |
| <b>Site</b>  | 4 - N Hyde Road/Millington Road                |
| <b>Date</b>  | Wednesday 14th March 2012                      |
| <b>Time</b>  | 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30 |

A into A

[illegible]



**Title** Hayes and Harlington  
**Site** 4 - N Hyde Road/Millington Road  
**Date** Wednesday 14th March 2012  
**Time** 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Peak Period   | PCUs |
|---------------|------|
| 07:45 - 08:45 | 0    |
| 12:00 - 13:00 | 5    |
| 17:15 - 18:15 | 2    |
| Total PCU     | 11   |

**B into A**

| Millington Road (S) Northbound right into N Hyde Road (E) |     |      |     |       |       |     |       |         |         |        |               |               |                     |
|-----------------------------------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Time                                                      | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 07:30 - 08:30 | 0                   |
| 07:45 - 08:00                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 07:45 - 08:45 | 0                   |
| H/TOT                                                     |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| 08:00 - 08:15                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 08:00 - 09:00 | 0                   |
| 08:15 - 08:30                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 08:15 - 09:15 | 0                   |
| 08:30 - 08:45                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 08:30 - 09:30 | 0                   |
| 08:45 - 09:00                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| H/TOT                                                     |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| 09:00 - 09:15                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| 09:15 - 09:30                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| H/TOT                                                     |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| 12:00 - 12:15                                             | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 12:00 - 13:00 | 5                   |
| 12:15 - 12:30                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 12:15 - 13:15 | 3                   |
| 12:30 - 12:45                                             | 3   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 3      | 3             | 12:30 - 13:30 | 4                   |
| 12:45 - 13:00                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 12:45 - 13:45 | 1                   |
| H/TOT                                                     | 5   |      |     |       |       |     |       |         |         | 5      | 5             |               |                     |
| 13:00 - 13:15                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 13:00 - 14:00 | 2                   |
| 13:15 - 13:30                                             | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| 13:30 - 13:45                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| 13:45 - 14:00                                             | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                                                     | 2   |      |     |       |       |     |       |         |         | 2      | 2             |               |                     |
| 16:30 - 16:45                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 16:30 - 17:30 | 2                   |
| 16:45 - 17:00                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 16:45 - 17:45 | 2                   |
| H/TOT                                                     |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| 17:00 - 17:15                                             | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 2       | 3      | 1             | 17:00 - 18:00 | 3                   |
| 17:15 - 17:30                                             | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 17:15 - 18:15 | 2                   |
| 17:30 - 17:45                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 17:30 - 18:30 | 2                   |
| 17:45 - 18:00                                             | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                                                     | 3   |      |     |       |       |     |       |         |         | 2      | 5             | 3             |                     |
| 18:00 - 18:15                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| 18:15 - 18:30                                             | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                                                     | 1   |      |     |       |       |     |       |         |         | 1      | 1             |               |                     |
| P/TOT                                                     | 11  | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 2       | 13     | 11            |               |                     |

**Title** Hayes and Harlington  
**Site** 4 - N Hyde Road/Millington Road  
**Date** Wednesday 14th March 2012  
**Time** 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Peak Period   | PCUs |
|---------------|------|
| 07:45 - 08:45 | 1    |
| 12:00 - 13:00 | 1    |
| 17:15 - 18:15 | 1    |
| Total PCU     | 4    |

**C into B**

| N Hyde Road (W) Eastbound right into Millington Road (S) |     |      |     |       |       |     |       |         |         |        |               |               |                     |
|----------------------------------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Time                                                     | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 07:30 - 08:30 | 0                   |
| 07:45 - 08:00                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 07:45 - 08:45 | 1                   |
| H/TOT                                                    |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| 08:00 - 08:15                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 08:00 - 09:00 | 1                   |
| 08:15 - 08:30                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 08:15 - 09:15 | 1                   |
| 08:30 - 08:45                                            | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 08:30 - 09:30 | 1                   |
| 08:45 - 09:00                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| H/TOT                                                    | 1   |      |     |       |       |     |       |         |         | 1      | 1             |               |                     |
| 09:00 - 09:15                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| 09:15 - 09:30                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| H/TOT                                                    |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| 12:00 - 12:15                                            | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 12:00 - 13:00 | 1                   |
| 12:15 - 12:30                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 12:15 - 13:15 | 0                   |
| 12:30 - 12:45                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 12:30 - 13:30 | 0                   |
| 12:45 - 13:00                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 12:45 - 13:45 | 1                   |
| H/TOT                                                    | 1   |      |     |       |       |     |       |         |         | 1      | 1             |               |                     |
| 13:00 - 13:15                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 13:00 - 14:00 | 1                   |
| 13:15 - 13:30                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| 13:30 - 13:45                                            | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| 13:45 - 14:00                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| H/TOT                                                    | 1   |      |     |       |       |     |       |         |         | 1      | 1             |               |                     |
| 16:30 - 16:45                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 16:30 - 17:30 | 0                   |
| 16:45 - 17:00                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 16:45 - 17:45 | 0                   |
| H/TOT                                                    |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| 17:00 - 17:15                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 17:00 - 18:00 | 0                   |
| 17:15 - 17:30                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 17:15 - 18:15 | 1                   |
| 17:30 - 17:45                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 17:30 - 18:30 | 1                   |
| 17:45 - 18:00                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| H/TOT                                                    |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| 18:00 - 18:15                                            | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| 18:15 - 18:30                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| H/TOT                                                    | 1   |      |     |       |       |     |       |         |         | 1      | 1             |               |                     |
| P/TOT                                                    | 4   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 4      | 4             |               |                     |

Hayes and Harlington  
4 - N Hyde Road/Millington Road  
Wednesday 14th March 2012  
07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

**B into C**

### Millington Road (S) Northbound left into N Hyde Road (W)

Hayes and Harlington  
4 - N Hyde Road/Millington Road  
Wednesday 14th March 2012  
07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

C into C

### N Hyde Road (W) Eastbound U turn

|              |                                                |
|--------------|------------------------------------------------|
| <b>Title</b> | Hayes and Harlington                           |
| <b>Site</b>  | 4 - N Hyde Road/Millington Road                |
| <b>Date</b>  | Wednesday 14th March 2012                      |
| <b>Time</b>  | 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30 |

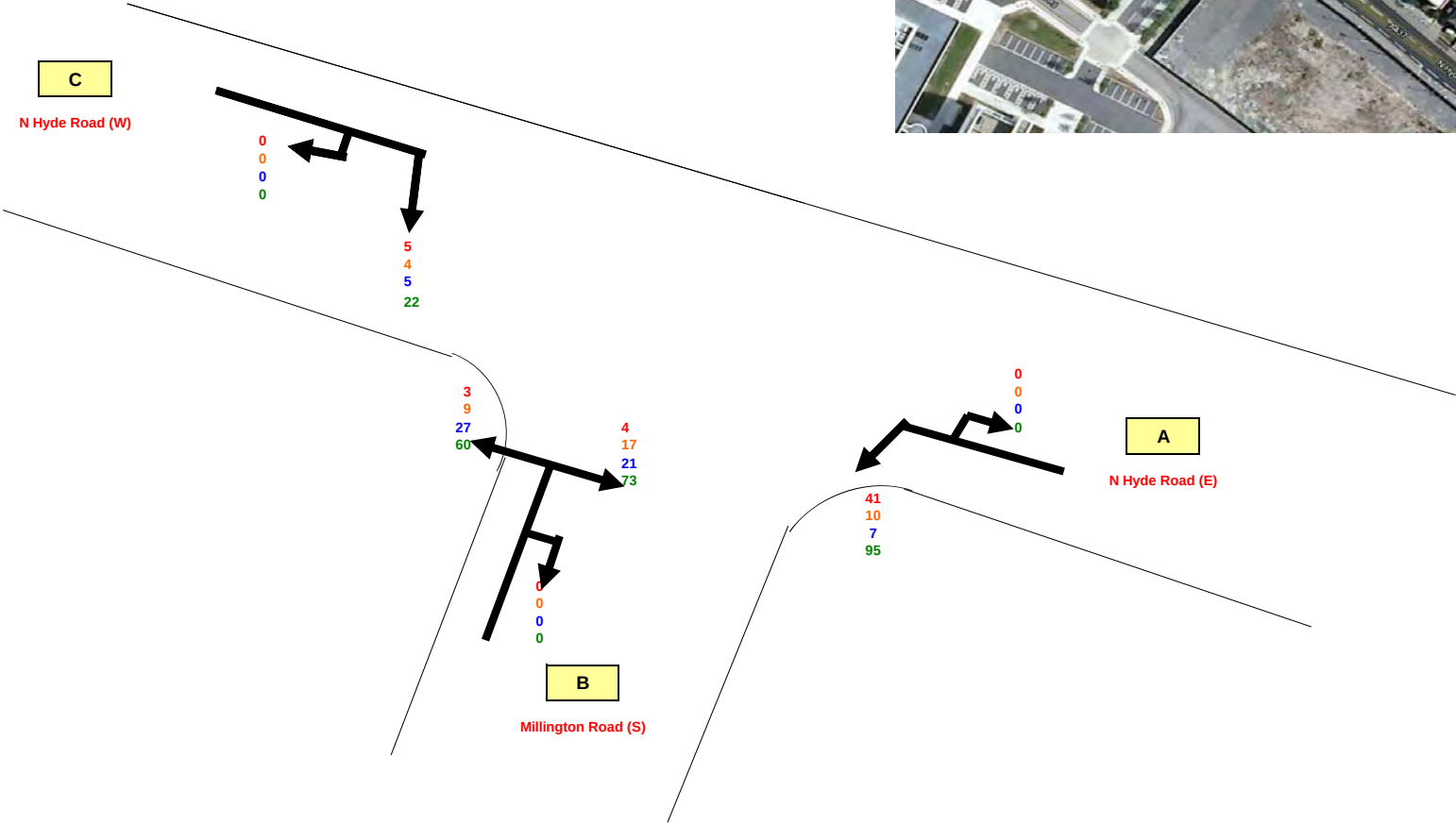
## B into B

| Peak Period   | PCUS |
|---------------|------|
| 07:45 - 08:45 | 0    |
| 12:00 - 13:00 | 0    |
| 17:15 - 18:15 | 0    |
| Total PCU     | 0    |

[illegible]

Title Hayes and Harlington  
Site 5 - N Hyde Road/Millington Road  
Date Wednesday 14th March 2012  
Time 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Survey Period | Peak Hour PCU    |
|---------------|------------------|
| 07:30 - 09:30 | 08:00 - 09:00 53 |
| 12:00 - 14:00 | 12:00 - 13:00 40 |
| 16:30 - 18:30 | 17:15 - 18:15 60 |
| Total PCU     | 250              |



**Title** Hayes and Harlington  
**Site** 5 - N Hyde Road/Millington Road  
**Date** Wednesday 14th March 2012  
**Time** 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Peak Period      | PCUs      |
|------------------|-----------|
| 08:00 - 09:00    | 41        |
| 12:00 - 13:00    | 10        |
| 17:15 - 18:15    | 7         |
| <b>Total PCU</b> | <b>95</b> |

**A into B**

| N Hyde Road (E) Westbound left into Millington Road (S) |     |      |     |       |       |     |       |         |         |        |               |               |                     |
|---------------------------------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Time                                                    | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 07:30 - 08:30 | 26                  |
| 07:45 - 08:00                                           | 7   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 8             | 07:45 - 08:45 | 36                  |
| H/TOT                                                   | 7   |      |     |       |       |     |       |         | 1       | 8      | 7             |               |                     |
| 08:00 - 08:15                                           | 5   | 0    | 2   | 0     | 0     | 0   | 0     | 0       | 1       | 8      | 7             | 08:00 - 09:00 | 41                  |
| 08:15 - 08:30                                           | 12  | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 1       | 13     | 12            | 08:15 - 09:15 | 41                  |
| 08:30 - 08:45                                           | 10  | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 10     | 10            | 08:30 - 09:30 | 36                  |
| 08:45 - 09:00                                           | 12  | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 1       | 13     | 12            |               |                     |
| H/TOT                                                   | 39  |      | 2   |       |       |     |       |         | 3       | 44     | 41            |               |                     |
| 09:00 - 09:15                                           | 7   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 7      | 7             |               |                     |
| 09:15 - 09:30                                           | 6   | 0    | 1   | 0     | 0     | 0   | 0     | 0       | 1       | 8      | 7             |               |                     |
| H/TOT                                                   | 13  |      | 1   |       |       |     |       |         | 1       | 15     | 14            |               |                     |
| 12:00 - 12:15                                           | 3   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 3      | 3             | 12:00 - 13:00 | 10                  |
| 12:15 - 12:30                                           | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 12:15 - 13:15 | 9                   |
| 12:30 - 12:45                                           | 4   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 4      | 4             | 12:30 - 13:30 | 9                   |
| 12:45 - 13:00                                           | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 12:45 - 13:45 | 10                  |
| H/TOT                                                   | 10  |      |     |       |       |     |       |         |         | 10     | 10            |               |                     |
| 13:00 - 13:15                                           | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 13:00 - 14:00 | 11                  |
| 13:15 - 13:30                                           | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| 13:30 - 13:45                                           | 5   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 5      | 5             |               |                     |
| 13:45 - 14:00                                           | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| H/TOT                                                   | 11  |      |     |       |       |     |       |         |         | 11     | 11            |               |                     |
| 16:30 - 16:45                                           | 0   | 0    | 1   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 16:30 - 17:30 | 4                   |
| 16:45 - 17:00                                           | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 16:45 - 17:45 | 4                   |
| H/TOT                                                   | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |               |                     |
| 17:00 - 17:15                                           | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 17:00 - 18:00 | 6                   |
| 17:15 - 17:30                                           | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 17:15 - 18:15 | 7                   |
| 17:30 - 17:45                                           | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 17:30 - 18:30 | 8                   |
| 17:45 - 18:00                                           | 4   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 4      | 4             |               |                     |
| H/TOT                                                   | 6   |      |     |       |       |     |       |         |         | 6      | 6             |               |                     |
| 18:00 - 18:15                                           | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| 18:15 - 18:30                                           | 1   | 0    | 1   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| H/TOT                                                   | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |               |                     |
| P/TOT                                                   | 90  | 0    | 5   | 0     | 0     | 0   | 0     | 0       | 5       | 100    | 95            |               |                     |

|              |                                                |
|--------------|------------------------------------------------|
| <b>Title</b> | Hayes and Harlington                           |
| <b>Site</b>  | 5 - N Hyde Road/Millington Road                |
| <b>Date</b>  | Wednesday 14th March 2012                      |
| <b>Time</b>  | 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30 |

A into A

[illegible]



Title Hayes and Harlington  
Site 5 - N Hyde Road/Millington Road  
Date Wednesday 14th March 2012  
Time 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Peak Period   | PCUs |
|---------------|------|
| 08:00 - 09:00 | 4    |
| 12:00 - 13:00 | 17   |
| 17:15 - 18:15 | 21   |
| Total PCU     | 73   |

B into A

| Millington Road (S) Northbound right into N Hyde Road (E) |     |      |     |       |       |     |       |         |         |        |               |               |                     |
|-----------------------------------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Time                                                      | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                                             | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 07:30 - 08:30 | 3                   |
| 07:45 - 08:00                                             | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 07:45 - 08:45 | 4                   |
| H/TOT                                                     | 1   |      |     |       |       |     |       |         |         | 1      | 1             |               |                     |
| 08:00 - 08:15                                             | 0   | 0    | 1   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 08:00 - 09:00 | 4                   |
| 08:15 - 08:30                                             | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 08:15 - 09:15 | 4                   |
| 08:30 - 08:45                                             | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 1       | 2      | 1             | 08:30 - 09:30 | 4                   |
| 08:45 - 09:00                                             | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                                                     | 3   |      | 1   |       |       |     |       |         | 1       | 5      | 4             |               |                     |
| 09:00 - 09:15                                             | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| 09:15 - 09:30                                             | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                                                     | 2   |      |     |       |       |     |       |         |         | 2      | 2             |               |                     |
| 12:00 - 12:15                                             | 3   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 3      | 3             | 12:00 - 13:00 | 17                  |
| 12:15 - 12:30                                             | 5   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 5      | 5             | 12:15 - 13:15 | 16                  |
| 12:30 - 12:45                                             | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 12:30 - 13:30 | 16                  |
| 12:45 - 13:00                                             | 5   | 0    | 2   | 0     | 0     | 0   | 0     | 0       | 0       | 7      | 7             | 12:45 - 13:45 | 16                  |
| H/TOT                                                     | 15  |      | 2   |       |       |     |       |         |         | 17     | 17            |               |                     |
| 13:00 - 13:15                                             | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 13:00 - 14:00 | 11                  |
| 13:15 - 13:30                                             | 4   | 0    | 1   | 0     | 0     | 0   | 0     | 0       | 0       | 5      | 5             |               |                     |
| 13:30 - 13:45                                             | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| 13:45 - 14:00                                             | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| H/TOT                                                     | 10  |      | 1   |       |       |     |       |         |         | 11     | 11            |               |                     |
| 16:30 - 16:45                                             | 4   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 4      | 4             | 16:30 - 17:30 | 13                  |
| 16:45 - 17:00                                             | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 16:45 - 17:45 | 16                  |
| H/TOT                                                     | 5   |      |     |       |       |     |       |         |         | 5      | 5             |               |                     |
| 17:00 - 17:15                                             | 5   | 0    | 0   | 1     | 0     | 0   | 0     | 0       | 0       | 6      | 7             | 17:00 - 18:00 | 21                  |
| 17:15 - 17:30                                             | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 17:15 - 18:15 | 21                  |
| 17:30 - 17:45                                             | 7   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 1       | 8      | 7             | 17:30 - 18:30 | 25                  |
| 17:45 - 18:00                                             | 6   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 1       | 7      | 6             |               |                     |
| H/TOT                                                     | 19  |      |     | 1     |       |     |       |         | 2       | 22     | 21            |               |                     |
| 18:00 - 18:15                                             | 7   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 7      | 7             |               |                     |
| 18:15 - 18:30                                             | 5   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 2       | 7      | 5             |               |                     |
| H/TOT                                                     | 12  |      |     |       |       |     |       |         | 2       | 14     | 12            |               |                     |
| P/TOT                                                     | 67  | 0    | 4   | 1     | 0     | 0   | 0     | 0       | 5       | 77     | 73            |               |                     |

Title Hayes and Harlington  
Site 5 - N Hyde Road/Millington Road  
Date Wednesday 14th March 2012  
Time 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Peak Period   | PCUs |
|---------------|------|
| 08:00 - 09:00 | 5    |
| 12:00 - 13:00 | 4    |
| 17:15 - 18:15 | 5    |
| Total PCU     | 22   |

C into B

| N Hyde Road (W) Eastbound right into Millington Road (S) |     |      |     |       |       |     |       |         |         |        |               |               |                     |
|----------------------------------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Time                                                     | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 07:30 - 08:30 | 3                   |
| 07:45 - 08:00                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 07:45 - 08:45 | 4                   |
| H/TOT                                                    |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| 08:00 - 08:15                                            | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 08:00 - 09:00 | 5                   |
| 08:15 - 08:30                                            | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 08:15 - 09:15 | 5                   |
| 08:30 - 08:45                                            | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 08:30 - 09:30 | 4                   |
| 08:45 - 09:00                                            | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                                                    | 5   |      |     |       |       |     |       |         |         | 5      | 5             |               |                     |
| 09:00 - 09:15                                            | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| 09:15 - 09:30                                            | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                                                    | 2   |      |     |       |       |     |       |         |         | 2      | 2             |               |                     |
| 12:00 - 12:15                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 12:00 - 13:00 | 4                   |
| 12:15 - 12:30                                            | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 12:15 - 13:15 | 5                   |
| 12:30 - 12:45                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 12:30 - 13:30 | 5                   |
| 12:45 - 13:00                                            | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 12:45 - 13:45 | 7                   |
| H/TOT                                                    | 4   |      |     |       |       |     |       |         |         | 4      | 4             |               |                     |
| 13:00 - 13:15                                            | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 13:00 - 14:00 | 5                   |
| 13:15 - 13:30                                            | 0   | 0    | 2   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| 13:30 - 13:45                                            | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| 13:45 - 14:00                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| H/TOT                                                    | 3   |      | 2   |       |       |     |       |         |         | 5      | 5             |               |                     |
| 16:30 - 16:45                                            | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 16:30 - 17:30 | 4                   |
| 16:45 - 17:00                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 16:45 - 17:45 | 3                   |
| H/TOT                                                    | 1   |      |     |       |       |     |       |         |         | 1      | 1             |               |                     |
| 17:00 - 17:15                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 17:00 - 18:00 | 3                   |
| 17:15 - 17:30                                            | 3   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 3      | 3             | 17:15 - 18:15 | 5                   |
| 17:30 - 17:45                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 17:30 - 18:30 | 2                   |
| 17:45 - 18:00                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| H/TOT                                                    | 3   |      |     |       |       |     |       |         |         | 3      | 3             |               |                     |
| 18:00 - 18:15                                            | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| 18:15 - 18:30                                            | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| H/TOT                                                    | 2   |      |     |       |       |     |       |         |         | 2      | 2             |               |                     |
| P/TOT                                                    | 20  | 0    | 2   | 0     | 0     | 0   | 0     | 0       | 0       | 22     | 22            |               |                     |

Hayes and Harlington  
5 - N Hyde Road/Millington Road  
Wednesday 14th March 2012  
07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

**B into C**

### Millington Road (S) Northbound left into N Hyde Road (W)

Hayes and Harlington  
5 - N Hyde Road/Millington Road  
Wednesday 14th March 2012  
07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

**C into C**

## N Hyde Road (W) Eastbound U turn

|              |                                                |
|--------------|------------------------------------------------|
| <b>Title</b> | Hayes and Harlington                           |
| <b>Site</b>  | 5 - N Hyde Road/Millington Road                |
| <b>Date</b>  | Wednesday 14th March 2012                      |
| <b>Time</b>  | 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30 |

## B into B

| Peak Period   | PCUS |
|---------------|------|
| 08:00 - 09:00 | 0    |
| 12:00 - 13:00 | 0    |
| 17:15 - 18:15 | 0    |
| Total PCU     | 0    |

[illegible]

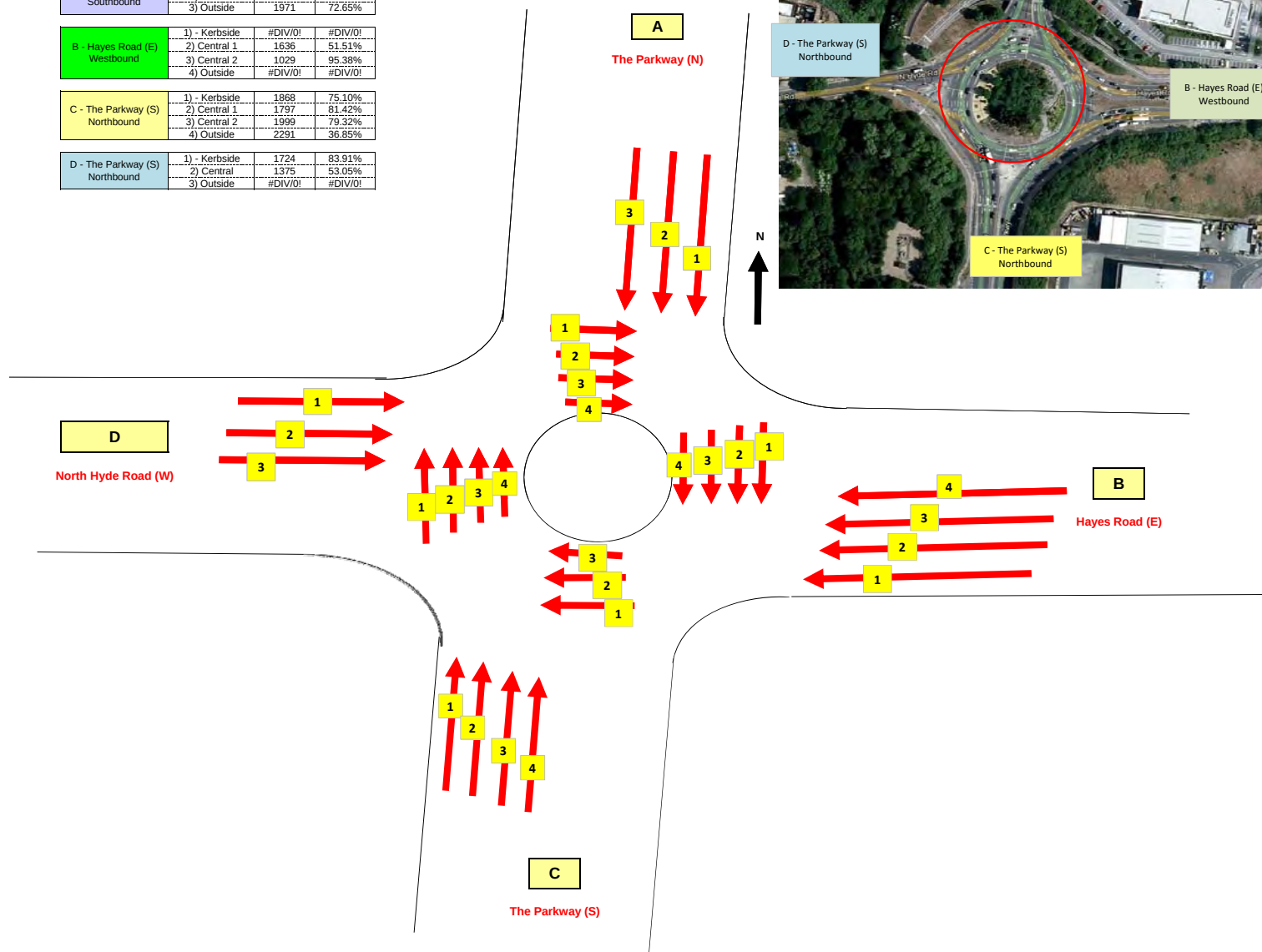
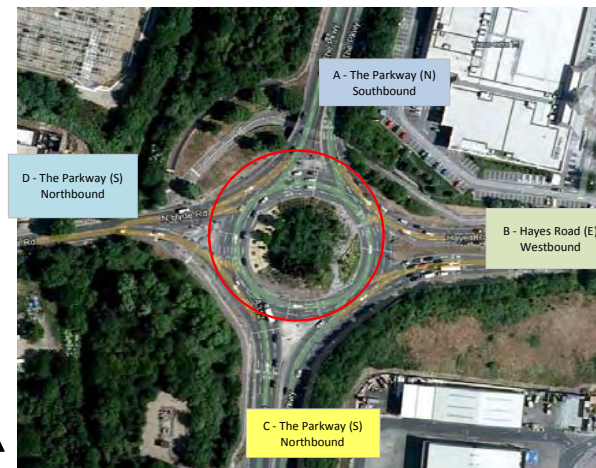
Title Hyde Park Hayes  
 Site 5 - The Parkway/Hayes Road/N Hyde Road  
 Date Tuesday 19th June 2012  
 Time 08:00 - 09:00

| Arm                            | Lane          | Average Sat Flow | Average DoS |
|--------------------------------|---------------|------------------|-------------|
| A - The Parkway (N) Southbound | 1) - Kerbside | 1891             | 103.10%     |
|                                | 2) Central    | 2022             | 79.32%      |
|                                | 3) Outside    | 1971             | 72.65%      |

|                              |               |         |         |
|------------------------------|---------------|---------|---------|
| B - Hayes Road (E) Westbound | 1) - Kerbside | #DIV/0! | #DIV/0! |
|                              | 2) Central 1  | 1636    | 51.51%  |
|                              | 3) Central 2  | 1029    | 95.38%  |
|                              | 4) Outside    | #DIV/0! | #DIV/0! |

|                                |               |      |        |
|--------------------------------|---------------|------|--------|
| C - The Parkway (S) Northbound | 1) - Kerbside | 1868 | 75.10% |
|                                | 2) Central 1  | 1797 | 81.42% |
|                                | 3) Central 2  | 1999 | 79.32% |
|                                | 4) Outside    | 2291 | 36.85% |

|                                |               |         |         |
|--------------------------------|---------------|---------|---------|
| D - The Parkway (S) Northbound | 1) - Kerbside | 1724    | 83.91%  |
|                                | 2) Central    | 1375    | 53.05%  |
|                                | 3) Outside    | #DIV/0! | #DIV/0! |



Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
A - The Parkway (N) Southbound  
1) - Kerbside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 08:00:59       | 08:02:03 | 08:03:08 | 08:04:12 | 08:05:16 | 08:06:21 | 08:07:26 | 08:08:31 | 08:09:36 | 08:10:42 | 08:11:47 | 08:12:53 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 08:01:22       | 08:02:26 | 08:03:32 | 08:04:37 | 08:05:39 | 08:06:49 | 08:07:55 | 08:08:53 | 08:10:03 | 08:11:04 | 08:12:11 | 08:13:17 |
| Amber                                              | 08:01:20       | 08:02:25 | 08:03:29 | 08:04:33 | 08:05:38 | 08:06:47 | 08:07:52 | 08:08:57 | 08:10:02 | 08:11:05 | 08:12:10 | 08:13:15 |
| Red                                                | 08:01:23       | 08:02:28 | 08:03:32 | 08:04:36 | 08:05:41 | 08:06:50 | 08:07:55 | 08:09:00 | 08:10:05 | 08:11:08 | 08:12:13 | 08:13:18 |
| Green                                              | 08:02:03       | 08:03:08 | 08:04:12 | 08:05:16 | 08:06:21 | 08:07:26 | 08:08:31 | 08:09:36 | 08:10:42 | 08:11:47 | 08:12:53 | 08:13:58 |
| Total                                              | 00:01:04       | 00:01:05 | 00:01:04 | 00:01:04 | 00:01:05 | 00:01:05 | 00:01:05 | 00:01:05 | 00:01:06 | 00:01:05 | 00:01:06 | 00:01:05 |
| Cycle Time (s)                                     | 64             | 65       | 64       | 64       | 65       | 65       | 65       | 65       | 66       | 65       | 66       | 65       |
| Green Time (s)                                     | 21             | 22       | 21       | 21       | 22       | 26       | 26       | 26       | 26       | 23       | 23       | 22       |
| Saturation Time (s)                                | 23             | 23       | 24       | 25       | 23       | 28       | 29       | 22       | 27       | 22       | 24       | 24       |
| Effective Green                                    | 2              | 1        | 3        | 4        | 1        | 2        | 3        | 0        | 1        | 0        | 1        | 2        |
| Seconds of Green Lost (Wasted Green)               | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                      | 12             | 13       | 14       | 13       | 14       | 16       | 16       | 11       | 15       | 9        | 12       | 10       |
| Non-Saturated PCU                                  | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 0        | 0        | 0        | 0        |
| Cycle PCU                                          | 12             | 13       | 14       | 13       | 14       | 16       | 16       | 13       | 15       | 9        | 12       | 10       |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 21.91 | 22.91 | 21.91 | 21.91 | 22.91 | 26.91 | 26.91 | 26.91 | 26.91 | 23.91 | 23.91 | 22.91 |
| 0.91                                                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Sat Flow                                                    | 1878  | 2035  | 2100  | 1872  | 2191  | 2057  | 1986  | 1800  | 2000  | 1473  | 1800  | 1500  |
| Use Sat Flow?                                               | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |
| Free Flow Conditions?                                       | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 9   |      | 1   |       | 1     |     |       |         |         | 11     | 12            |
| Obs1 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs2 (flow during saturation)  | 5   |      | 4   | 1     | 1     |     |       |         |         | 11     | 13            |
| Obs2 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs3 (flow during saturation)  | 10  |      | 4   |       |       |     |       |         |         | 14     | 14            |
| Obs3 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs4 (flow during saturation)  | 5   |      | 5   | 2     |       |     |       |         |         | 12     | 13            |
| Obs4 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs5 (flow during saturation)  | 13  |      | 1   |       |       |     | 1     |         |         | 15     | 14            |
| Obs5 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs6 (flow during saturation)  | 14  |      | 2   |       |       |     |       |         |         | 16     | 16            |
| Obs6 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs7 (flow during saturation)  | 10  |      | 1   | 3     |       |     |       |         |         | 14     | 16            |
| Obs7 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs8 (flow during saturation)  | 10  |      | 1   |       |       |     |       |         |         | 11     | 11            |
| Obs8 (flow out of saturation)  | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs9 (flow during saturation)  | 8   |      | 1   | 1     | 2     |     |       |         |         | 12     | 15            |
| Obs9 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs10 (flow during saturation) | 6   |      | 2   |       |       |     | 1     |         |         | 9      | 9             |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow during saturation) | 9   |      | 1   | 1     |       |     |       |         |         | 11     | 12            |
| Obs11 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs12 (flow during saturation) | 9   |      | 1   |       |       |     |       |         |         | 10     | 10            |
| Obs12 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 |  |
|                                                                                     |       |       |       |       |       |       |       |       |  |
|                                                                                     |       |       |       |       |       |       |       |       |  |
|                                                                                     |       |       |       |       |       |       |       |       |  |
|                                                                                     |       |       |       |       |       |       |       |       |  |
|                                                                                     |       |       |       |       |       |       |       |       |  |
|                                                                                     |       |       |       |       |       |       |       |       |  |
|                                                                                     |       |       |       |       |       |       |       |       |  |
|                                                                                     |       |       |       |       |       |       |       |       |  |

|          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 |
|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0  |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No |

|                  |         |
|------------------|---------|
| Average Sat Flow | 1891    |
| Average DoS      | 103.10% |
| Sat Flow Obs     | 12      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow |
|-----|--------------------|------------------------------|--------------------|--------------|
| 12  | 23.25              | 24.16                        | 64.92              | 13.08        |

5 - The Parkway/Hayes Road/N Hyde Road  
A - The Parkway (N) Southbound  
2) Central

| Obs22                         |                                                             | Obs1     | Obs2     | Obs3     | Obs4     | Obs5     |
|-------------------------------|-------------------------------------------------------------|----------|----------|----------|----------|----------|
|                               | Start of Green                                              | 08:00:59 | 08:02:03 | 08:03:08 | 08:04:12 | 08:05:16 |
|                               | Time at start of full demand if different to green          |          |          |          |          |          |
|                               | End of Saturation/Full Demand                               | 08:01:10 | 08:02:15 | 08:03:24 | 08:04:30 | 08:05:35 |
|                               | Amber                                                       | 08:01:20 | 08:02:25 | 08:03:29 | 08:04:33 | 08:05:38 |
|                               | Red                                                         | 08:01:23 | 08:02:28 | 08:03:32 | 08:04:36 | 08:05:41 |
|                               | Green                                                       | 08:02:03 | 08:03:08 | 08:04:12 | 08:05:16 | 08:06:21 |
| 00:00:00                      | Total                                                       | 00:01:04 | 00:01:05 | 00:01:04 | 00:01:04 | 00:01:05 |
| 0                             | Cycle Time (s)                                              | 64       | 65       | 64       | 64       | 65       |
| 0                             | Green Time (s)                                              | 21       | 22       | 21       | 21       | 22       |
| 0                             | Saturation Time (s)                                         | 11       | 12       | 16       | 18       | 19       |
| 0                             | Effective Green                                             | 0        | 0        | 0        | 0        | 0        |
| 0                             | Seconds of Green Lost (Wasted Green)                        | 0        | 0        | 0        | 0        | 0        |
| 0                             | Saturated PCU                                               | 3        | 7        | 8        | 10       | 14       |
| 0                             | Non-Saturated PCU                                           | 4        | 4        | 2        | 0        | 0        |
| 0                             | Cycle PCU                                                   | 7        | 11       | 10       | 10       | 14       |
| 0.91                          | Effective Green (insert number of additional seconds below) | 21.91    | 22.91    | 21.91    | 21.91    | 22.91    |
| 0.14                          |                                                             |          |          |          |          |          |
| 0                             | Sat Flow                                                    | 982      | 2100     | 1800     | 2000     | 2653     |
| No                            | Use Sat Flow?                                               | No       | Yes      | Yes      | Yes      | Yes      |
| No                            | Free Flow Conditions?                                       | No       | No       | No       | Yes      | Yes      |
| Hourly PCU Total (from count) | Count                                                       | Car      | Taxi     | LGV      | OGV 1    | OGV 2    |
| 725.5                         | Obs1 (flow during saturation)                               | 3        |          |          |          |          |
|                               | Obs1 (flow out of saturation)                               | 4        |          |          |          |          |
|                               | Obs2 (flow during saturation)                               | 6        |          | 1        |          |          |
|                               | Obs2 (flow out of saturation)                               | 3        |          | 1        |          |          |
|                               | Obs3 (flow during saturation)                               | 6        |          | 2        |          |          |
|                               | Obs3 (flow out of saturation)                               | 1        |          | 1        |          |          |
|                               | Obs4 (flow during saturation)                               | 10       |          |          |          |          |
|                               | Obs5 (flow during saturation)                               | 10       |          | 2        | 1        |          |
|                               | Obs5 (flow out of saturation)                               | 8        |          | 1        |          |          |
|                               | Obs6 (flow during saturation)                               | 1        |          |          |          |          |
|                               | Obs7 (flow during saturation)                               | 6        |          |          |          |          |
|                               | Obs7 (flow out of saturation)                               | 3        |          | 1        |          |          |
|                               | Obs8 (flow during saturation)                               | 11       |          |          |          |          |
|                               | Obs8 (flow out of saturation)                               | 1        |          |          | 1        | 1        |
|                               | Obs9 (flow during saturation)                               | 5        |          | 2        |          |          |
|                               | Obs9 (flow out of saturation)                               | 2        |          |          |          |          |
|                               | Obs10 (flow during saturation)                              | 5        |          |          |          |          |
|                               | Obs10 (flow out of saturation)                              | 2        |          |          |          |          |
|                               | Obs11 (flow during saturation)                              | 7        |          | 3        |          | 1        |
|                               | Obs11 (flow out of saturation)                              |          |          |          |          |          |
|                               | Obs12 (flow during saturation)                              | 6        |          | 1        |          | 1        |
|                               | Obs12 (flow out of saturation)                              |          |          |          |          |          |
|                               | Obs13 (flow during saturation)                              |          |          |          |          |          |
|                               | Obs13 (flow out of saturation)                              |          |          |          |          |          |
|                               | Obs14 (flow during saturation)                              |          |          |          |          |          |
|                               | Obs14 (flow out of saturation)                              |          |          |          |          |          |
|                               | Obs15 (flow during saturation)                              |          |          |          |          |          |
|                               | Obs15 (flow out of saturation)                              |          |          |          |          |          |
|                               | Obs16 (flow during saturation)                              |          |          |          |          |          |
|                               | Obs16 (flow out of saturation)                              |          |          |          |          |          |
|                               | Obs17 (flow during saturation)                              |          |          |          |          |          |
|                               | Obs17 (flow out of saturation)                              |          |          |          |          |          |
|                               | Obs18 (flow during saturation)                              |          |          |          |          |          |
|                               | Obs18 (flow out of saturation)                              |          |          |          |          |          |
|                               | Obs19 (flow during saturation)                              |          |          |          |          |          |
|                               | Obs19 (flow out of saturation)                              |          |          |          |          |          |
|                               | Obs20 (flow during saturation)                              |          |          |          |          |          |
|                               | Obs20 (flow out of saturation)                              |          |          |          |          |          |
|                               | Obs21 (flow during saturation)                              |          |          |          |          |          |
|                               | Obs21 (flow out of saturation)                              |          |          |          |          |          |
|                               | Obs22 (flow during saturation)                              |          |          |          |          |          |
|                               | Obs22 (flow out of saturation)                              |          |          |          |          |          |



Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
A - The Parkway (N) Southbound  
3) Outside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 08:00:59       | 08:02:03 | 08:03:08 | 08:04:12 | 08:05:16 | 08:06:21 | 08:07:26 | 08:08:31 | 08:09:36 | 08:10:42 | 08:11:47 | 08:12:53 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 08:01:07       | 08:02:10 | 08:03:17 | 08:04:22 | 08:05:30 | 08:06:31 | 08:07:44 | 08:08:40 | 08:10:02 | 08:10:55 | 08:11:54 | 08:13:11 |
| Amber                                              | 08:01:20       | 08:02:25 | 08:03:29 | 08:04:33 | 08:05:38 | 08:06:47 | 08:07:52 | 08:08:57 | 08:10:02 | 08:11:05 | 08:12:10 | 08:13:15 |
| Red                                                | 08:01:23       | 08:02:28 | 08:03:32 | 08:04:36 | 08:05:41 | 08:06:50 | 08:07:55 | 08:09:00 | 08:10:05 | 08:11:08 | 08:12:13 | 08:13:18 |
| Green                                              | 08:02:03       | 08:03:08 | 08:04:12 | 08:05:16 | 08:06:21 | 08:07:26 | 08:08:31 | 08:09:36 | 08:10:42 | 08:11:47 | 08:12:53 | 08:13:58 |
| Total                                              | 00:01:04       | 00:01:05 | 00:01:04 | 00:01:04 | 00:01:05 | 00:01:05 | 00:01:05 | 00:01:05 | 00:01:06 | 00:01:05 | 00:01:06 | 00:01:05 |
| Cycle Time (s)                                     | 64             | 65       | 64       | 64       | 65       | 65       | 65       | 65       | 66       | 65       | 66       | 65       |
| Green Time (s)                                     | 21             | 22       | 21       | 21       | 22       | 26       | 26       | 26       | 26       | 23       | 23       | 22       |
| Saturation Time (s)                                | 8              | 7        | 9        | 10       | 14       | 10       | 18       | 9        | 26       | 13       | 7        | 18       |
| Effective Green                                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted G                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                      | 3              | 3        | 4        | 5        | 9        | 5        | 10       | 4        | 13       | 8        | 4        | 8        |
| Non-Saturated PCU                                  | 3              | 4        | 1        | 2        | 2        | 9        | 1        | 4        | 0        | 3        | 6        | 0        |
| Cycle PCU                                          | 6              | 7        | 5        | 7        | 11       | 14       | 11       | 8        | 13       | 11       | 10       | 8        |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 21.91 | 22.91 | 21.91 | 21.91 | 22.91 | 26.91 | 26.91 | 26.91 | 26.91 | 23.91 | 23.91 | 22.91 |
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Sat Flow                                                    | 1350  | 1543  | 1600  | 1800  | 2314  | 1800  | 2000  | 1600  | 1800  | 2215  | 2057  | 1600  |
| Use Sat Flow?                                               | No    | No    | No    | No    | No    | Yes   | Yes   | Yes   | No    | Yes   | No    | Yes   |
| Free Flow Conditions?                                       | No    | No    | No    | Yes   | Yes   | Yes   | Yes   | Yes   | No    | No    | Yes   | Yes   |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs1 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs2 (flow during saturation)  | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs2 (flow out of saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs3 (flow during saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs3 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs4 (flow during saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs4 (flow out of saturation)  | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs5 (flow during saturation)  | 8   |      | 1   |       |       |     |       |         |         | 9      | 9             |
| Obs5 (flow out of saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs6 (flow during saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs6 (flow out of saturation)  | 9   |      |     |       |       |     |       |         |         | 9      | 9             |
| Obs7 (flow during saturation)  | 10  |      |     |       |       |     |       |         |         | 10     | 10            |
| Obs7 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs8 (flow during saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs8 (flow out of saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs9 (flow during saturation)  | 11  |      | 2   |       |       |     |       |         |         | 13     | 13            |
| Obs9 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs10 (flow during saturation) | 7   |      | 1   |       |       |     |       |         |         | 8      | 8             |
| Obs10 (flow out of saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs11 (flow during saturation) | 3   | 1    |     |       |       |     |       |         |         | 4      | 4             |
| Obs11 (flow out of saturation) | 5   |      | 1   |       |       |     |       |         |         | 6      | 6             |
| Obs12 (flow during saturation) | 8   |      |     |       |       |     |       | 1       |         | 9      | 9             |
| Obs12 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 |
|                                                                                     |       |       |       |       |       |       |       |       |
|                                                                                     |       |       |       |       |       |       |       |       |
|                                                                                     |       |       |       |       |       |       |       |       |
|                                                                                     |       |       |       |       |       |       |       |       |
|                                                                                     |       |       |       |       |       |       |       |       |
|                                                                                     |       |       |       |       |       |       |       |       |

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 |
|------|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No |

|                  |        |     |                    |                              |                    |              |
|------------------|--------|-----|--------------------|------------------------------|--------------------|--------------|
| Average Sat Flow | 1971   | Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow |
| Average DoS      | 72.55% | 12  | 23.25              | 23.25                        | 64.92              | 9.25         |
| Sat Flow Obs     | 3      |     |                    |                              |                    |              |

|                                       |
|---------------------------------------|
|                                       |
| Obs22                                 |
|                                       |
|                                       |
|                                       |
|                                       |
|                                       |
|                                       |
| 00:00:00                              |
| 0                                     |
| 0                                     |
| 0                                     |
| 0                                     |
| 0                                     |
| 0                                     |
|                                       |
| 0                                     |
| 0                                     |
| 0                                     |
|                                       |
| 0.91                                  |
|                                       |
| 0                                     |
| No                                    |
| No                                    |
| Hourly<br>PCUTotal<br>(from<br>count) |
| 513.0                                 |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
A - INTERNAL Eastbound  
1) - Kerbside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 08:00:23       | 08:01:27 | 08:02:30 | 08:03:34 | 08:04:38 | 08:05:43 | 08:06:53 | 08:07:58 | 08:09:03 | 08:10:08 | 08:11:10 | 08:12:16 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 08:00:34       | 08:01:32 | 08:02:36 | 08:03:38 | 08:04:44 | 08:05:48 | 08:06:56 | 08:08:03 | 08:09:04 | 08:10:16 | 08:11:16 | 08:12:28 |
| Amber                                              | 08:00:55       | 08:01:59 | 08:03:03 | 08:04:07 | 08:05:11 | 08:06:16 | 08:07:21 | 08:08:27 | 08:09:32 | 08:10:38 | 08:11:44 | 08:12:48 |
| Red                                                | 08:00:58       | 08:02:02 | 08:03:06 | 08:04:10 | 08:05:14 | 08:06:19 | 08:07:24 | 08:08:30 | 08:09:35 | 08:10:41 | 08:11:47 | 08:12:51 |
| Green                                              | 08:01:27       | 08:02:30 | 08:03:34 | 08:04:38 | 08:05:43 | 08:06:53 | 08:07:58 | 08:09:03 | 08:10:08 | 08:11:10 | 08:12:16 | 08:13:20 |

|                                      |          |          |          |          |          |          |          |          |          |          |          |          |
|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Total                                | 00:01:04 | 00:01:03 | 00:01:04 | 00:01:04 | 00:01:05 | 00:01:10 | 00:01:05 | 00:01:05 | 00:01:05 | 00:01:02 | 00:01:06 | 00:01:04 |
| Cycle Time (s)                       | 64       | 63       | 64       | 64       | 65       | 70       | 65       | 65       | 65       | 62       | 66       | 64       |
| Green Time (s)                       | 32       | 32       | 33       | 33       | 33       | 33       | 28       | 29       | 29       | 30       | 34       | 32       |
| Saturation Time (s)                  | 11       | 5        | 6        | 4        | 6        | 5        | 3        | 5        | 1        | 6        | 6        | 12       |
| Effective Green                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|                   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| Saturated PCU     | 4 | 4 | 3 | 2 | 3 | 3 | 2 | 2 | 1 | 4 | 2 | 7 |
| Non-Saturated PCU | 0 | 5 | 3 | 4 | 2 | 2 | 1 | 2 | 5 | 1 | 4 | 0 |
| Cycle PCU         | 4 | 9 | 6 | 6 | 5 | 5 | 3 | 4 | 6 | 5 | 6 | 7 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 32.00 | 32.00 | 33.00 | 33.00 | 33.00 | 33.00 | 28.00 | 29.00 | 29.00 | 30.00 | 34.00 | 32.00 |
| Cycle PCU                                                   | 6.00  |       |       |       |       |       |       |       |       |       |       |       |

|                       |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Sat Flow              | 1309 | 2880 | 1800 | 1809 | 1800 | 2160 | 2400 | 1440 | 3600 | 1800 | 1200 | 2100 |
| Use Sat Flow?         | Yes  | No   | No   | No   | No   | No   | No   | No   | No   | No   | No   | Yes  |
| Free Flow Conditions? | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | No   | Yes  |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  | 3   |      |     | 1     |       |     |       |        |        | 4      | 4             |
| Obs1 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs2 (flow during saturation)  | 4   |      |     |       |       |     |       |        |        | 4      | 4             |
| Obs2 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 3      | 5             |
| Obs3 (flow during saturation)  | 2   |      | 1   |       | 1     |     |       |        |        | 3      | 3             |
| Obs3 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs4 (flow during saturation)  | 1   |      |     | 1     |       |     |       |        |        | 2      | 2             |
| Obs4 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 4      | 4             |
| Obs5 (flow during saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs5 (flow out of saturation)  |     |      |     |       |       | 1   |       |        |        | 3      | 2             |
| Obs6 (flow during saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs6 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs7 (flow during saturation)  | 1   |      | 1   |       |       |     |       |        |        | 2      | 2             |
| Obs7 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs8 (flow during saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs8 (flow out of saturation)  |     |      | 1   |       |       |     |       |        |        | 2      | 3             |
| Obs9 (flow during saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs9 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 5      | 5             |
| Obs10 (flow during saturation) | 2   |      | 2   |       |       |     |       |        |        | 4      | 4             |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs11 (flow during saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs11 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 4      | 4             |
| Obs12 (flow during saturation) | 3   |      |     | 1     |       |     |       |        |        | 6      | 7             |
| Obs12 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1705   |
| Average DOS      | 36.88% |
| Sat Flow Obs     | 2      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 31.50              | 31.50                        | 64.75              | 5.50         | 305.8                        |

Site  
Approach  
Lane

5 - The ParkwayHayes Road/N Hyde Road  
A - INTERNAL Eastbound  
2) Central 1

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 08:00:23       | 08:01:27 | 08:02:30 | 08:03:34 | 08:04:38 | 08:05:43 | 08:06:53 | 08:07:58 | 08:09:03 | 08:10:08 | 08:11:10 | 08:12:18 |
| Time at start of full demand if different to green          |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                               | 08:00:38       | 08:01:33 | 08:02:34 | 08:03:46 | 08:04:40 | 08:05:49 | 08:06:59 | 08:08:02 | 08:09:29 | 08:10:20 | 08:11:24 | 08:12:30 |
| Amber                                                       | 08:00:55       | 08:01:59 | 08:03:03 | 08:04:07 | 08:05:11 | 08:06:16 | 08:07:21 | 08:08:27 | 08:09:32 | 08:10:38 | 08:11:44 | 08:12:48 |
| Red                                                         | 08:00:58       | 08:02:02 | 08:03:06 | 08:04:10 | 08:05:14 | 08:06:19 | 08:07:24 | 08:08:30 | 08:09:35 | 08:10:41 | 08:11:47 | 08:12:51 |
| Green                                                       | 08:01:27       | 08:02:30 | 08:03:34 | 08:04:38 | 08:05:43 | 08:06:53 | 08:07:58 | 08:09:03 | 08:10:08 | 08:11:10 | 08:12:16 | 08:13:20 |
| Total                                                       | 00:01:04       | 00:01:03 | 00:01:04 | 00:01:04 | 00:01:05 | 00:01:10 | 00:01:05 | 00:01:05 | 00:01:05 | 00:01:02 | 00:01:06 | 00:01:04 |
| Cycle Time (s)                                              | 64             | 63       | 64       | 64       | 65       | 70       | 65       | 65       | 65       | 62       | 66       | 64       |
| Green Time (s)                                              | 32             | 32       | 33       | 33       | 33       | 33       | 28       | 29       | 29       | 30       | 34       | 32       |
| Saturation Time (s)                                         | 15             | 6        | 4        | 12       | 2        | 6        | 6        | 4        | 26       | 12       | 14       | 14       |
| Effective Green                                             | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Waste)                               | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                               | 5              | 5        | 2        | 6        | 1        | 4        | 2        | 2        | 11       | 4        | 2        | 4        |
| Non-Saturated PCU                                           | 1              | 3        | 5        | 5        | 7        | 4        | 4        | 6        | 1        | 4        | 2        | 4        |
| Cycle PCU                                                   | 6              | 8        | 7        | 11       | 8        | 8        | 6        | 8        | 12       | 8        | 4        | 6        |
| Effective Green (insert number of additional seconds below) | 32.00          | 32.00    | 33.00    | 33.00    | 33.00    | 33.00    | 28.00    | 29.00    | 29.00    | 30.00    | 34.00    | 32.00    |
| Sat Flow                                                    | 1200           | 3090     | 1800     | 1800     | 1800     | 2400     | 1200     | 1800     | 1523     | 1200     | 514      | 1029     |
| Use Sat Flow?                                               | Yes            | No       | No       | Yes      | No       | No       | No       | No       | Yes      | Yes      | Yes      | Yes      |
| Free Flow Conditions?                                       | No             | Yes      | No       | No       | Yes      | Yes      | Yes      | Yes      | No       | No       | No       | No       |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  | 5   |      |     |       |       |     |       |        |        | 5      | 5             |
| Obs1 (flow out of saturation)  |     |      | 1   |       |       |     |       |        |        | 1      | 1             |
| Obs2 (flow during saturation)  | 2   |      |     | 1     |       |     |       |        |        | 4      | 5             |
| Obs2 (flow out of saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs3 (flow during saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs3 (flow out of saturation)  | 5   |      |     |       |       |     |       |        |        | 5      | 5             |
| Obs4 (flow during saturation)  | 3   |      | 1   |       | 1     |     |       |        |        | 5      | 6             |
| Obs4 (flow out of saturation)  | 3   |      | 2   |       |       |     |       |        |        | 5      | 6             |
| Obs5 (flow during saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs5 (flow out of saturation)  | 5   |      |     | 1     |       |     |       |        |        | 6      | 7             |
| Obs6 (flow during saturation)  | 3   |      | 1   |       |       |     |       |        |        | 4      | 4             |
| Obs6 (flow out of saturation)  | 2   |      | 2   |       |       |     |       |        |        | 4      | 4             |
| Obs7 (flow during saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs7 (flow out of saturation)  | 3   |      | 1   |       |       |     |       |        |        | 4      | 4             |
| Obs8 (flow during saturation)  | 1   |      | 1   |       |       |     |       |        |        | 2      | 2             |
| Obs8 (flow out of saturation)  | 6   |      |     |       |       |     |       |        |        | 6      | 6             |
| Obs9 (flow during saturation)  | 9   |      |     |       | 1     |     |       |        |        | 10     | 11            |
| Obs9 (flow out of saturation)  | 4   |      | 1   |       |       |     |       |        |        | 5      | 5             |
| Obs10 (flow during saturation) | 2   |      |     |       |       | 1   |       |        |        | 3      | 4             |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       |        |        |        |               |
| Obs11 (flow during saturation) |     |      | 2   |       |       |     |       |        |        | 2      | 2             |
| Obs11 (flow out of saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs12 (flow during saturation) | 2   |      |     | 1     |       |     |       |        |        | 3      | 4             |
| Obs12 (flow out of saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

|                  |         |
|------------------|---------|
| Average Sat Flow | #DIV/0! |
| Average DoS      | #DIV/0! |
| Sat Flow Obs     | 0       |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 31.50              | 31.50                        | 64.75              | 7.67         | 426.3                        |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
A - INTERNAL Eastbound  
3) Central 2

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 08:00:23       | 08:01:27 | 08:02:30 | 08:03:34 | 08:04:38 | 08:05:43 | 08:06:53 | 08:07:58 | 08:09:03 | 08:10:08 | 08:11:10 | 08:12:16 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 08:00:36       | 08:01:30 | 08:02:34 | 08:03:42 | 08:04:40 | 08:05:43 | 08:06:53 | 08:08:00 | 08:09:13 | 08:10:17 | 08:11:14 | 08:12:17 |
| Amber                                              | 08:00:55       | 08:01:59 | 08:03:03 | 08:04:07 | 08:05:11 | 08:06:15 | 08:07:21 | 08:08:27 | 08:09:32 | 08:10:38 | 08:11:44 | 08:12:48 |
| Red                                                | 08:00:58       | 08:02:02 | 08:03:06 | 08:04:10 | 08:05:14 | 08:06:19 | 08:07:24 | 08:08:30 | 08:09:35 | 08:10:41 | 08:11:47 | 08:12:51 |
| Green                                              | 08:01:27       | 08:02:30 | 08:03:34 | 08:04:38 | 08:05:43 | 08:06:53 | 08:07:58 | 08:09:03 | 08:10:08 | 08:11:10 | 08:12:16 | 08:13:20 |
| Total                                              | 00:01:04       | 00:01:03 | 00:01:04 | 00:01:04 | 00:01:05 | 00:01:10 | 00:01:05 | 00:01:05 | 00:01:05 | 00:01:02 | 00:01:06 | 00:01:04 |
| Cycle Time (s)                                     | 64             | 63       | 64       | 64       | 65       | 70       | 65       | 65       | 65       | 62       | 66       | 64       |
| Green Time (s)                                     | 32             | 32       | 33       | 33       | 33       | 33       | 28       | 29       | 29       | 30       | 34       | 32       |
| Saturation Time (s)                                | 13             | 3        | 4        | 8        | 2        | 0        | 0        | 2        | 10       | 9        | 4        | 1        |
| Effective Green                                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (West)                       | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                      | 3              | 2        | 2        | 3        | 1        | 0        | 0        | 1        | 2        | 3        | 1        | 1        |
| Non-Saturated PCU                                  | 1              | 2        | 0        | 0        | 0        | 0        | 2        | 1        | 1        | 1        | 0        | 3        |
| Cycle PCU                                          | 4              | 4        | 2        | 3        | 1        | 0        | 2        | 2        | 3        | 4        | 1        | 4        |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 32.00 | 32.00 | 33.00 | 33.00 | 33.00 | 33.00 | 28.00 | 29.00 | 29.00 | 30.00 | 34.00 | 32.00 |
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Sat Flow                                                    | 831   | 2400  | 1800  | 1350  | 1800  | 0     | 0     | 1800  | 720   | 1200  | 900   | 3600  |
| Use Sat Flow?                                               | Yes   | No    | No    | No    | No    | No    | No    | No    | No    | No    | No    | No    |
| Free Flow Conditions?                                       | No    | Yes   | No    | No    | Yes   | Yes   | Yes   | Yes   | No    | No    | No    | Yes   |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs1 (flow out of saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs2 (flow during saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs2 (flow out of saturation)  |     |      | 2   |       |       |     |       |        |        | 2      | 2             |
| Obs3 (flow during saturation)  |     |      |     | 1     |       |     |       |        |        | 1      | 2             |
| Obs3 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs4 (flow during saturation)  | 2   |      | 1   |       |       |     |       |        |        | 3      | 3             |
| Obs4 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs5 (flow during saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs5 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs6 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs6 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs7 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs7 (flow out of saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs8 (flow during saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs8 (flow out of saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 2             |
| Obs9 (flow during saturation)  | 1   |      | 1   |       |       |     |       |        |        | 2      | 2             |
| Obs9 (flow out of saturation)  | 1   |      |     |       |       |     |       |        |        | 2      | 3             |
| Obs10 (flow during saturation) | 1   |      |     | 1     |       |     |       |        |        | 2      | 3             |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs11 (flow during saturation) | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs11 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs12 (flow during saturation) | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs12 (flow out of saturation) | 1   |      |     | 1     |       |     |       |        |        | 2      | 3             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |         |
|------------------|---------|
| Average Sat Flow | #DIV/0! |
| Average DCS      | #DIV/0! |
| Sat Flow Obs     | 0       |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 31.50              | 31.50                        | 64.75              | 2.50         | 139.0                        |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
A - INTERNAL Eastbound  
A) Outside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 08:00:23       | 08:01:27 | 08:02:30 | 08:03:34 | 08:04:38 | 08:05:43 | 08:06:53 | 08:07:58 | 08:09:03 | 08:10:08 | 08:11:10 | 08:12:16 |
| Time at start of full demand if different to green | 08:00:32       |          |          |          |          |          |          | 08:09:12 |          | 08:11:16 |          |          |
| End of Saturation/Full Demand                      | 08:00:35       | 08:01:30 | 08:02:30 | 08:03:38 | 08:04:38 | 08:05:43 | 08:06:53 | 08:07:58 | 08:09:14 | 08:10:08 | 08:11:23 | 08:12:16 |
| Amber                                              | 08:00:58       | 08:01:59 | 08:03:03 | 08:04:07 | 08:05:11 | 08:06:16 | 08:07:21 | 08:08:27 | 08:09:32 | 08:10:38 | 08:11:44 | 08:12:48 |
| Red                                                | 08:00:58       | 08:02:02 | 08:03:06 | 08:04:10 | 08:05:14 | 08:06:19 | 08:07:24 | 08:08:30 | 08:09:35 | 08:10:41 | 08:11:47 | 08:12:51 |
| Green                                              | 08:01:27       | 08:02:30 | 08:03:34 | 08:04:38 | 08:05:43 | 08:06:53 | 08:07:58 | 08:09:03 | 08:10:08 | 08:11:10 | 08:12:16 | 08:13:20 |

|                            |          |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Total                      | 00:01:04 | 00:01:03 | 00:01:04 | 00:01:04 | 00:01:05 | 00:01:10 | 00:01:05 | 00:01:05 | 00:01:05 | 00:01:02 | 00:01:06 | 00:01:04 |
| Cycle Time (s)             | 64       | 63       | 64       | 64       | 65       | 70       | 65       | 65       | 65       | 62       | 66       | 64       |
| Green Time (s)             | 32       | 32       | 33       | 33       | 33       | 33       | 28       | 29       | 29       | 30       | 34       | 32       |
| Saturation Time (s)        | 3        | 3        | 0        | 4        | 0        | 0        | 0        | 0        | 2        | 0        | 7        | 0        |
| Effective Green            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 0        | 0        | 0        |
| Seconds of Green Lost (Was | 9        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 9        | 0        | 6        | 0        |

|                   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| Saturated PCU     | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 |
| Non-Saturated PCU | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 1 | 0 | 0 |
| Cycle PCU         | 2 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 5 | 1 | 2 | 0 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (Insert number of additional seconds below) | 32.00 | 32.00 | 33.00 | 33.00 | 33.00 | 33.00 | 28.00 | 29.00 | 29.00 | 30.00 | 34.00 | 32.00 |
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |       |

|                       |      |      |    |     |     |     |     |     |      |     |      |     |
|-----------------------|------|------|----|-----|-----|-----|-----|-----|------|-----|------|-----|
| Sat Flow              | 2400 | 1200 | 0  | 900 | 0   | 0   | 0   | 0   | 3500 | 0   | 1029 | 0   |
| Use Sat Flow?         | No   | No   | No | No  | No  | No  | No  | No  | No   | No  | No   | No  |
| Free Flow Conditions? | No   | No   | No | No  | Yes | Yes | Yes | Yes | No   | Yes | No   | Yes |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  |     |      |     |       |       |     | 1     |        |        | 1      | 2             |
| Obs1 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs2 (flow during saturation)  |     |      | 1   |       |       |     |       |        |        | 1      | 1             |
| Obs2 (flow out of saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs3 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs3 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs4 (flow during saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs4 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs5 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs5 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs6 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs6 (flow out of saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs7 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs7 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs8 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs8 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs9 (flow during saturation)  |     |      |     |       | 1     |     |       |        |        | 1      | 2             |
| Obs9 (flow out of saturation)  |     |      |     | 1     |       |     |       |        |        | 1      | 2             |
| Obs10 (flow during saturation) |     |      |     |       |       |     |       |        |        | 2      | 3             |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs11 (flow during saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs11 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs12 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs12 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|      |      |      |      |      |      |      |      |      |      |      |      |

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |         |
|------------------|---------|
| Average Sat Flow | #DIV/0! |
| Average DCS      | #DIV/0! |
| Sat Flow Obs     | 0       |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 31.50              | 31.50                        | 64.75              | 1.17         | 64.9                         |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
B - Hayes Road (E) Westbound  
3) - Kerbside

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 08:00:39       | 08:01:47 | 08:02:47 | 08:03:53 | 08:04:58 | 08:06:05 | 08:07:08 | 08:08:12 | 08:09:16 | 08:10:19 | 08:11:28 | 08:12:33 |
| Time at start of full demand if different to green          |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                               | 08:00:39       | 08:01:54 | 08:03:01 | 08:03:54 | 08:05:10 | 08:06:09 | 08:07:31 | 08:08:13 | 08:09:18 | 08:10:31 | 08:11:31 | 08:12:52 |
| Amber                                                       | 08:00:56       | 08:01:59 | 08:03:00 | 08:04:08 | 08:05:14 | 08:06:25 | 08:07:30 | 08:08:29 | 08:09:28 | 08:10:37 | 08:11:46 | 08:12:51 |
| Red                                                         | 08:00:59       | 08:02:02 | 08:03:03 | 08:04:11 | 08:05:17 | 08:06:28 | 08:07:33 | 08:08:32 | 08:09:31 | 08:10:40 | 08:11:49 | 08:12:54 |
| Green                                                       | 08:01:47       | 08:02:47 | 08:03:53 | 08:04:58 | 08:06:05 | 08:07:08 | 08:08:12 | 08:09:16 | 08:10:19 | 08:11:28 | 08:12:33 | 08:13:38 |
| Total                                                       | 00:01:08       | 00:01:00 | 00:01:06 | 00:01:05 | 00:01:07 | 00:01:03 | 00:01:04 | 00:01:03 | 00:01:09 | 00:01:05 | 00:01:05 | 00:01:05 |
| Cycle Time (s)                                              | 58             | 60       | 66       | 65       | 67       | 63       | 64       | 64       | 63       | 69       | 65       | 65       |
| Green Time (s)                                              | 17             | 12       | 13       | 15       | 16       | 20       | 22       | 17       | 12       | 18       | 18       | 18       |
| Saturation Time (s)                                         | 0              | 7        | 14       | 1        | 12       | 4        | 23       | 1        | 2        | 12       | 3        | 19       |
| Effective Green                                             | 0              | 0        | 1        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        |
| Seconds of Green Lost (Wasted Green)                        | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                               | 0              | 3        | 4        | 1        | 4        | 2        | 5        | 1        | 1        | 4        | 1        | 5        |
| Non-Saturated PCU                                           | 2              | 0        | 0        | 3        | 0        | 2        | 0        | 1        | 0        | 0        | 3        | 0        |
| Cycle PCU                                                   | 2              | 3        | 4        | 4        | 4        | 5        | 2        | 2        | 1        | 4        | 4        | 5        |
| Effective Green (insert number of additional seconds below) | 17.14          | 12.14    | 13.14    | 15.14    | 16.14    | 20.14    | 22.14    | 17.14    | 12.14    | 18.14    | 18.14    | 18.14    |
| S 14                                                        |                |          |          |          |          |          |          |          |          |          |          |          |
| Sat Flow                                                    | 0              | 1543     | 1029     | 3680     | 1200     | 1800     | 783      | 3680     | 1800     | 1200     | 1200     | 947      |
| Use Sat Flow?                                               | No             | No       | Yes      | No       | Yes      | No       | Yes      | No       | No       | Yes      | No       | Yes      |
| Free Flow Conditions?                                       | No             | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs1 (flow out of saturation)  |     |      |     | 1     |       |     |       |         |         | 1      | 2             |
| Obs2 (flow during saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs2 (flow out of saturation)  |     |      |     |       | 1     |     |       |         |         | 3      | 4             |
| Obs3 (flow during saturation)  | 2   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs3 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs4 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs4 (flow out of saturation)  | 1   |      |     |       | 1     |     |       |         |         | 2      | 3             |
| Obs5 (flow during saturation)  | 2   |      |     | 1     |       |     |       |         |         | 3      | 4             |
| Obs5 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs6 (flow during saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs6 (flow out of saturation)  |     |      |     | 1     |       |     |       |         |         | 1      | 2             |
| Obs7 (flow during saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs7 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs8 (flow during saturation)  |     |      | 1   |       |       |     |       |         |         | 1      | 1             |
| Obs8 (flow out of saturation)  |     |      | 1   |       |       |     |       |         |         | 1      | 1             |
| Obs9 (flow during saturation)  |     |      | 1   |       |       |     |       |         |         | 1      | 1             |
| Obs9 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs10 (flow during saturation) | 1   |      | 1   | 1     |       |     |       |         |         | 3      | 4             |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow during saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs11 (flow out of saturation) | 1   |      | 2   |       |       |     |       |         |         | 3      | 3             |
| Obs12 (flow during saturation) | 2   |      | 1   | 1     |       |     |       |         |         | 4      | 5             |
| Obs12 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow during saturation) | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs13 (flow out of saturation) | 4   |      |     | 1     |       |     |       |         |         | 5      | 6             |
| Obs14 (flow during saturation) |     |      |     | 1     |       |     |       |         |         | 1      | 2             |
| Obs14 (flow out of saturation) | 1   |      | 2   | 1     |       |     |       |         |         | 4      | 5             |
| Obs15 (flow during saturation) | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs15 (flow out of saturation) | 2   |      | 1   | 1     |       |     |       |         |         | 4      | 5             |
| Obs16 (flow during saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs16 (flow out of saturation) | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs17 (flow during saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs17 (flow out of saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs18 (flow during saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs18 (flow out of saturation) | 1   |      |     | 1     |       |     |       |         |         | 2      | 3             |
| Obs19 (flow during saturation) | 1   |      |     | 1     |       |     |       |         |         | 2      | 3             |
| Obs19 (flow out of saturation) | 1   |      | 2   |       |       |     |       |         |         | 3      | 3             |
| Obs20 (flow during saturation) | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) | 3   |      | 1   |       |       |     |       |         |         | 4      | 4             |
| Obs21 (flow out of saturation) | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs22 (flow during saturation) | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |          |          |          |          |          |          |          |          |          |  |  |
|-------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|
| Obs13                                                                               | Obs14    | Obs15    | Obs16    | Obs17    | Obs18    | Obs19    | Obs20    | Obs21    | Obs22    |  |  |
| 10:20:22                                                                            | 10:21:28 | 10:22:22 | 10:23:22 | 10:24:18 | 10:25:17 | 10:26:13 | 10:27:13 | 10:28:12 | 10:29:19 |  |  |
| 10:20:26                                                                            | 10:21:30 | 10:22:28 | 10:23:23 | 10:24:23 | 10:25:19 | 10:26:18 | 10:27:17 | 10:28:21 | 10:29:27 |  |  |
| 10:20:47                                                                            | 10:21:46 | 10:22:42 | 10:23:45 | 10:24:40 | 10:25:36 | 10:26:31 | 10:27:36 | 10:28:34 | 10:29:35 |  |  |
| 10:20:50                                                                            | 10:21:49 | 10:22:45 | 10:23:48 | 10:24:43 | 10:25:38 | 10:26:34 | 10:27:38 | 10:28:37 | 10:29:38 |  |  |
| 10:21:28                                                                            | 10:22:22 | 10:23:22 | 10:24:19 | 10:25:17 | 10:26:13 | 10:27:13 | 10:28:12 | 10:29:19 | 10:30:15 |  |  |
| 00:01:06                                                                            | 00:00:54 | 00:01:00 | 00:00:57 | 00:00:58 | 00:00:56 | 00:01:00 | 00:00:59 | 00:01:07 | 00:01:00 |  |  |
| 56                                                                                  | 54       | 60       | 57       | 58       | 56       | 60       | 59       | 67       | 60       |  |  |
| 25                                                                                  | 18       | 20       | 23       | 21       | 18       | 18       | 22       | 22       | 16       |  |  |
| 4                                                                                   | 2        | 6        | 1        | 4        | 2        | 5        | 4        | 9        | 8        |  |  |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |
| 2                                                                                   | 2        | 3        | 1        | 3        | 1        | 3        | 2        | 4        | 4        |  |  |
| 6                                                                                   | 5        | 5        | 2        | 3        | 3        | 3        | 0        | 2        | 0        |  |  |
| 8                                                                                   | 7        | 8        | 3        | 6        | 4        | 6        | 2        | 6        | 4        |  |  |
| 25.14                                                                               | 18.14    | 20.14    | 23.14    | 21.14    | 18.14    | 18.14    | 22.14    | 22.14    | 16.14    |  |  |
| 1800                                                                                | 3600     | 1800     | 3600     | 2700     | 1800     | 2160     | 1800     | 1800     | 1800     |  |  |
| No                                                                                  | No       | No       | No       | No       | No       | No       | No       | No       | No       |  |  |
| Yes                                                                                 | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      |  |  |

|                  |         |
|------------------|---------|
| Average Sat Flow | #DIV/0! |
| Average DoS      | #DIV/0! |
| Sat Flow Obs     | 0       |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU/Total (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|-------------------------------|
| 12  | 16.50              | 16.64                        | 64.92              | 3.50         | 194.1                         |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
B - Hayes Road (E) Westbound  
2) Central L

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 08:02:39       | 08:01:47 | 08:02:47 | 08:03:53 | 08:04:58 | 08:06:05 | 08:07:08 | 08:08:12 | 08:09:16 | 08:10:19 | 08:11:28 | 08:12:33 |
| Time at start of full demand if different to green          |                |          |          |          | 08:05:06 |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                               | 08:00:54       | 08:02:01 | 08:02:47 | 08:03:59 | 08:05:13 | 08:06:15 | 08:07:18 | 08:08:12 | 08:09:16 | 08:10:32 | 08:11:47 | 08:12:53 |
| Amber                                                       | 08:00:56       | 08:01:59 | 08:03:00 | 08:04:08 | 08:05:14 | 08:06:25 | 08:07:30 | 08:08:29 | 08:09:28 | 08:10:37 | 08:11:46 | 08:12:51 |
| Red                                                         | 08:00:59       | 08:02:02 | 08:03:03 | 08:04:11 | 08:05:17 | 08:06:28 | 08:07:33 | 08:08:32 | 08:09:31 | 08:10:40 | 08:11:49 | 08:12:54 |
| Green                                                       | 08:01:47       | 08:02:47 | 08:03:53 | 08:04:58 | 08:06:05 | 08:07:08 | 08:08:12 | 08:09:16 | 08:10:19 | 08:11:28 | 08:12:33 | 08:13:38 |
| Total                                                       | 00:01:08       | 00:01:00 | 00:01:06 | 00:01:05 | 00:01:07 | 00:01:03 | 00:01:04 | 00:01:04 | 00:01:03 | 00:01:09 | 00:01:05 | 00:01:05 |
| Cycle Time (s)                                              | 66             | 60       | 66       | 65       | 67       | 63       | 64       | 63       | 63       | 69       | 65       | 65       |
| Green Time (s)                                              | 17             | 12       | 13       | 15       | 16       | 20       | 22       | 17       | 12       | 18       | 19       | 19       |
| Saturation Time (s)                                         | 15             | 14       | 0        | 6        | 7        | 10       | 10       | 0        | 0        | 13       | 19       | 20       |
| Effective Green                                             | 0              | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 2        |
| Seconds of Green Lost (Wasted Green)                        | 0              | 0        | 0        | 0        | 8        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                               | 3              | 3        | 0        | 3        | 3        | 4        | 3        | 0        | 0        | 6        | 6        | 8        |
| Non-Saturated PCU                                           | 0              | 0        | 1        | 2        | 1        | 0        | 1        | 0        | 2        | 1        | 0        | 0        |
| Cycle PCU                                                   | 3              | 3        | 1        | 5        | 4        | 4        | 4        | 0        | 2        | 7        | 6        | 8        |
| Effective Green (insert number of additional seconds below) | 17.14          | 12.14    | 13.14    | 15.14    | 16.14    | 20.14    | 22.14    | 17.14    | 12.14    | 18.14    | 18.14    | 18.14    |
| Sat Flow                                                    | 8.23           |          |          |          |          |          |          |          |          |          |          |          |
| Use Sat Flow?                                               | Yes            | Yes      | No       | No       | No       | No       | No       | No       | No       | Yes      | Yes      | Yes      |
| Free Flow Conditions?                                       | No             | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs1 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs2 (flow during saturation)  | 1   |      | 2   |       |       |     |       |         |         | 3      | 3             |
| Obs2 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs3 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs3 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs4 (flow during saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs4 (flow out of saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs5 (flow during saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs5 (flow out of saturation)  |     |      | 1   |       |       |     |       |         |         | 1      | 1             |
| Obs6 (flow during saturation)  | 3   |      | 1   |       |       |     |       |         |         | 4      | 4             |
| Obs6 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs7 (flow during saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs7 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs8 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs8 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs9 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs9 (flow out of saturation)  | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs10 (flow during saturation) | 3   |      | 3   |       |       |     |       |         |         | 6      | 6             |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs11 (flow during saturation) | 4   |      |     |       |       | 1   |       |         |         | 5      | 6             |
| Obs11 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs12 (flow during saturation) | 5   |      | 1   | 1     |       |     |       |         |         | 7      | 8             |
| Obs12 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow during saturation) | 2   |      | 1   |       |       | 1   |       |         |         | 4      | 5             |
| Obs13 (flow out of saturation) | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs14 (flow during saturation) | 1   |      | 1   |       |       |     |       |         |         | 1      | 1             |
| Obs14 (flow out of saturation) | 1   |      | 1   | 1     |       |     |       |         |         | 3      | 4             |
| Obs15 (flow during saturation) | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs15 (flow out of saturation) | 3   |      | 1   |       |       |     |       |         |         | 4      | 4             |
| Obs16 (flow during saturation) | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs16 (flow out of saturation) | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs17 (flow during saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs17 (flow out of saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs18 (flow during saturation) | 1   |      |     |       |       | 1   |       |         |         | 2      | 3             |
| Obs18 (flow out of saturation) | 3   |      |     | 1     |       |     |       |         |         | 2      | 3             |
| Obs19 (flow during saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs19 (flow out of saturation) | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs20 (flow during saturation) | 3   |      |     | 1     |       |     |       |         |         | 4      | 5             |
| Obs20 (flow out of saturation) | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs21 (flow during saturation) | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs21 (flow out of saturation) | 4   |      | 1   |       |       |     |       |         |         | 5      | 5             |
| Obs22 (flow during saturation) | 1   |      |     |       |       | 1   |       |         |         | 2      | 3             |
| Obs22 (flow out of saturation) | 2   |      |     |       |       |     |       |         |         | 2      | 2             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |          |          |          |          |          |          |          |          |       |       |       |
|-------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-------|-------|-------|
| Obs13                                                                               | Obs14    | Obs15    | Obs16    | Obs17    | Obs18    | Obs19    | Obs20    | Obs21    | Obs22 | Obs23 | Obs24 |
| 10:20:22                                                                            | 10:21:28 | 10:22:22 | 10:23:22 | 10:24:19 | 10:25:17 | 10:26:13 | 10:27:13 | 10:28:12 |       |       |       |
| 10:20:33                                                                            | 10:21:31 | 10:22:25 | 10:23:27 | 10:24:20 | 10:25:21 | 10:26:21 | 10:27:22 | 10:28:18 |       |       |       |
| 10:20:47                                                                            | 10:21:46 | 10:22:42 | 10:23:45 | 10:24:40 | 10:25:35 | 10:26:31 | 10:27:35 | 10:28:34 |       |       |       |
| 10:20:50                                                                            | 10:21:49 | 10:22:45 | 10:23:48 | 10:24:43 | 10:25:38 | 10:26:34 | 10:27:38 | 10:28:37 |       |       |       |
| 10:21:28                                                                            | 10:22:22 | 10:23:22 | 10:24:19 | 10:25:17 | 10:26:13 | 10:27:13 | 10:28:12 | 10:29:19 |       |       |       |
| 00:01:06                                                                            | 00:00:54 | 00:01:00 | 00:00:57 | 00:00:58 | 00:00:56 | 00:01:00 | 00:00:59 | 00:01:07 |       |       |       |
| 56                                                                                  | 54       | 60       | 57       | 56       | 56       | 60       | 59       | 67       |       |       |       |
| 25                                                                                  | 18       | 20       | 23       | 21       | 18       | 18       | 22       | 22       |       |       |       |
| 11                                                                                  | 3        | 3        | 5        | 1        | 4        | 8        | 9        | 6        |       |       |       |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |       |       |       |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |       |       |       |
| 5                                                                                   | 1        | 2        | 2        | 1        | 3        | 3        | 5        | 3        |       |       |       |
| 2                                                                                   | 4        | 4        | 2        | 1        | 3        | 2        | 2        | 5        |       |       |       |
| 7                                                                                   | 5        | 6        | 4        | 2        | 6        | 5        | 7        | 8        |       |       |       |
| 25.14                                                                               | 18.14    | 20.14    | 23.14    | 21.14    | 18.14    | 18.14    | 22.14    | 22.14    |       |       |       |
| 1636                                                                                | 1200     | 2400     | 1440     | 3600     | 2700     | 1350     | 2000     | 1800     |       |       |       |
| Yes                                                                                 | No       | No       | No       | No       | No       | No       | No       | No       |       |       |       |
| Yes                                                                                 | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      |       |       |       |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1636   |
| Average DoS      | 51.51% |
| Sat Flow Obs     | 1      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow |
|-----|--------------------|------------------------------|--------------------|--------------|
| 12  | 16.50              | 16.73                        | 64.92              | 3.92         |

|                                       |
|---------------------------------------|
| 1543                                  |
| Obs22                                 |
| 10-29-19                              |
|                                       |
| 10-29-26                              |
| 10-29-35                              |
| 10-29-38                              |
| 10-30-18                              |
| 00:01:00                              |
| 60                                    |
| 16                                    |
| 7                                     |
| 0                                     |
| 0                                     |
| 3                                     |
| 2                                     |
| 5                                     |
|                                       |
| 16.14                                 |
|                                       |
| 1543                                  |
| No                                    |
| Yes                                   |
| Hourly<br>PCUTotal<br>(from<br>count) |
| 217.2                                 |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
B - Hayes Road (E) Westbound  
B Central 2

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 08:00:39       | 08:01:47 | 08:02:47 | 08:03:53 | 08:04:58 | 08:06:05 | 08:07:08 | 08:08:12 | 08:09:16 | 08:10:19 | 08:11:28 | 08:12:33 |
| Time at start of full demand if different to green          |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                               | 08:00:59       | 08:01:49 | 08:02:56 | 08:04:11 | 08:05:13 | 08:06:20 | 08:07:24 | 08:08:17 | 08:09:29 | 08:10:33 | 08:11:42 | 08:12:50 |
| Amber                                                       | 08:00:56       | 08:01:59 | 08:03:00 | 08:04:08 | 08:05:14 | 08:06:25 | 08:07:30 | 08:08:29 | 08:09:28 | 08:10:37 | 08:11:46 | 08:12:51 |
| Red                                                         | 08:00:59       | 08:02:02 | 08:03:03 | 08:04:11 | 08:05:17 | 08:06:28 | 08:07:33 | 08:08:32 | 08:09:31 | 08:10:40 | 08:11:49 | 08:12:54 |
| Green                                                       | 08:01:47       | 08:02:47 | 08:03:53 | 08:04:58 | 08:06:05 | 08:07:08 | 08:08:12 | 08:09:16 | 08:10:19 | 08:11:28 | 08:12:33 | 08:13:38 |
| Total                                                       | 00:01:08       | 00:01:00 | 00:01:06 | 00:01:05 | 00:01:07 | 00:01:03 | 00:01:04 | 00:01:04 | 00:01:03 | 00:01:09 | 00:01:05 | 00:01:05 |
| Cycle Time (s)                                              | 58             | 60       | 66       | 65       | 67       | 63       | 64       | 64       | 63       | 66       | 65       | 65       |
| Green Time (s)                                              | 17             | 12       | 13       | 15       | 16       | 20       | 22       | 17       | 15       | 18       | 18       | 18       |
| Saturation Time (s)                                         | 20             | 2        | 9        | 18       | 15       | 15       | 16       | 5        | 13       | 14       | 14       | 17       |
| Effective Green                                             | 5              | 0        | 0        | 5        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted G)                            | 0              | 0        | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                               | 4              | 1        | 2        | 6        | 4        | 7        | 8        | 2        | 4        | 4        | 4        | 5        |
| Non-Saturated PCU                                           | 8              | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 0        | 2        | 0        | 0        |
| Cycle PCU                                                   | 4              | 1        | 2        | 6        | 4        | 7        | 8        | 4        | 4        | 6        | 4        | 5        |
| Effective Green (insert number of additional seconds below) | 17.14          | 12.14    | 13.14    | 15.14    | 16.14    | 20.14    | 22.14    | 17.14    | 12.14    | 18.14    | 18.14    | 18.14    |
| 0.32                                                        |                |          |          |          |          |          |          |          |          |          |          |          |
| Sat Flow                                                    | 720            | 1800     | 800      | 1200     | 960      | 1680     | 1800     | 1440     | 1108     | 1029     | 1029     | 1099     |
| Use Sat Flow?                                               | Yes            | No       | No       | Yes      | Yes      | Yes      | Yes      | No       | Yes      | Yes      | Yes      | Yes      |
| Free Flow Conditions?                                       | No             | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCU/s) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|----------------|
| Obs1 (flow during saturation)  | 1   |      | 1   |       |       | 1   |       |        |        | 3      | 4              |
| Obs1 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0              |
| Obs2 (flow during saturation)  | 1   |      |     |       |       |     |       |        |        | 0      | 0              |
| Obs2 (flow out of saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2              |
| Obs3 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0              |
| Obs3 (flow out of saturation)  | 3   |      | 3   |       |       |     |       |        |        | 0      | 6              |
| Obs4 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0              |
| Obs4 (flow out of saturation)  | 4   |      |     |       |       |     |       |        |        | 4      | 4              |
| Obs5 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0              |
| Obs5 (flow out of saturation)  | 4   |      | 1   | 1     |       |     |       |        |        | 6      | 7              |
| Obs6 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0              |
| Obs6 (flow out of saturation)  | 6   |      |     | 1     |       |     |       |        |        | 7      | 8              |
| Obs7 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0              |
| Obs7 (flow out of saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2              |
| Obs8 (flow during saturation)  | 1   |      | 1   |       |       |     |       |        |        | 2      | 2              |
| Obs8 (flow out of saturation)  | 3   |      | 1   |       |       |     |       |        |        | 4      | 4              |
| Obs9 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0              |
| Obs9 (flow out of saturation)  | 2   |      | 2   |       |       |     |       |        |        | 4      | 4              |
| Obs10 (flow during saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2              |
| Obs10 (flow out of saturation) | 2   |      | 2   |       |       |     |       |        |        | 4      | 4              |
| Obs11 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0              |
| Obs11 (flow out of saturation) | 2   |      | 2   |       |       |     |       |        |        | 4      | 4              |
| Obs12 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0              |
| Obs12 (flow out of saturation) | 4   |      | 1   |       |       |     |       |        |        | 5      | 5              |
| Obs13 (flow during saturation) | 1   |      |     |       |       |     |       |        |        | 1      | 1              |
| Obs13 (flow out of saturation) | 3   |      | 1   |       |       |     |       |        |        | 4      | 4              |
| Obs14 (flow during saturation) | 1   |      |     |       |       |     |       |        |        | 1      | 1              |
| Obs14 (flow out of saturation) | 3   |      | 1   |       |       |     |       |        |        | 4      | 4              |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0              |
| Obs15 (flow out of saturation) | 3   |      |     |       |       |     |       |        |        | 3      | 3              |
| Obs16 (flow during saturation) |     |      | 2   | 1     |       |     |       |        |        | 3      | 4              |
| Obs16 (flow out of saturation) | 1   |      | 1   | 1     |       |     |       |        |        | 3      | 4              |
| Obs17 (flow during saturation) | 1   |      | 1   |       |       |     |       |        |        | 2      | 2              |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0              |
| Obs18 (flow during saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2              |
| Obs18 (flow out of saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2              |
| Obs19 (flow during saturation) | 1   |      | 1   |       | 1     |     |       |        |        | 3      | 4              |
| Obs19 (flow out of saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2              |
| Obs20 (flow during saturation) |     |      | 1   |       |       |     |       |        |        | 1      | 1              |
| Obs20 (flow out of saturation) | 3   |      |     |       |       |     |       |        |        | 3      | 3              |
| Obs21 (flow during saturation) |     | 1    | 1   |       |       |     |       |        |        | 2      | 2              |
| Obs21 (flow out of saturation) | 1   |      | 1   |       |       |     |       |        |        | 2      | 2              |
| Obs22 (flow during saturation) |     |      |     |       | 1     |     |       |        |        | 1      | 2              |
| Obs22 (flow out of saturation) | 1   |      |     |       |       |     |       |        |        | 1      | 1              |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |          |          |          |          |          |          |          |          |          |  |  |
|-------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|
| Obs13                                                                               | Obs14    | Obs15    | Obs16    | Obs17    | Obs18    | Obs19    | Obs20    | Obs21    | Obs22    |  |  |
| 10:20:22                                                                            | 10:21:28 | 10:22:22 | 10:23:22 | 10:24:19 | 10:25:17 | 10:26:13 | 10:27:13 | 10:28:12 | 10:29:19 |  |  |
| 10:20:23                                                                            | 10:21:29 | 10:22:22 | 10:23:29 | 10:24:26 | 10:25:20 | 10:26:27 | 10:27:16 | 10:28:15 | 10:29:23 |  |  |
| 10:20:47                                                                            | 10:21:46 | 10:22:42 | 10:23:45 | 10:24:40 | 10:25:35 | 10:26:31 | 10:27:35 | 10:28:34 | 10:29:35 |  |  |
| 10:20:50                                                                            | 10:21:49 | 10:22:45 | 10:23:48 | 10:24:43 | 10:25:38 | 10:26:34 | 10:27:38 | 10:28:37 | 10:29:38 |  |  |
| 10:21:29                                                                            | 10:22:22 | 10:23:22 | 10:24:19 | 10:25:17 | 10:26:13 | 10:27:13 | 10:28:12 | 10:29:15 | 10:30:15 |  |  |
| 00:01:06                                                                            | 00:00:54 | 00:01:00 | 00:00:57 | 00:00:58 | 00:00:56 | 00:01:00 | 00:00:59 | 00:01:07 | 00:01:00 |  |  |
| 56                                                                                  | 54       | 60       | 57       | 58       | 56       | 59       | 59       | 67       | 60       |  |  |
| 25                                                                                  | 18       | 20       | 23       | 21       | 18       | 18       | 22       | 22       | 16       |  |  |
| 1                                                                                   | 1        | 0        | 7        | 7        | 3        | 14       | 3        | 3        | 4        |  |  |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 4 | 2 | 2 | 4 | 1 | 2 | 2 |
| 4 | 4 | 3 | 4 | 0 | 2 | 2 | 3 | 2 | 1 |
| 5 | 5 | 3 | 8 | 2 | 4 | 6 | 4 | 4 | 3 |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 25.14 | 18.14 | 20.14 | 23.14 | 21.14 | 18.14 | 18.14 | 22.14 | 22.14 | 16.14 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

|      |      |     |      |      |      |      |      |      |      |
|------|------|-----|------|------|------|------|------|------|------|
| 3600 | 3600 | 0   | 2957 | 1028 | 2400 | 1029 | 1200 | 2400 | 1800 |
| No   | No   | No  | No   | No   | Yes  | No   | No   | No   | No   |
| Yes  | Yes  | Yes | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1029   |
| Average DoS      | 95.38% |
| Sat Flow Obs     | 1      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 16.50              | 16.82                        | 64.92              | 4.58         | 254.2                        |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
B - Hayes Road (E) Westbound  
d) Outside

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 08:00:39       | 08:01:47 | 08:02:47 | 08:03:53 | 08:04:58 | 08:05:05 | 08:07:08 | 08:08:12 | 08:09:16 | 08:10:19 | 08:11:28 | 08:12:33 |
| Time at start of full demand if different to green          |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                               | 08:00:55       | 08:01:57 | 08:03:02 | 08:04:10 | 08:05:17 | 08:06:10 | 08:07:20 | 08:08:13 | 08:09:16 | 08:10:35 | 08:11:46 | 08:12:49 |
| Amber                                                       | 08:00:56       | 08:01:59 | 08:03:00 | 08:04:08 | 08:05:14 | 08:06:25 | 08:07:30 | 08:08:29 | 08:09:28 | 08:10:37 | 08:11:46 | 08:12:51 |
| Red                                                         | 08:00:59       | 08:02:02 | 08:03:03 | 08:04:11 | 08:05:17 | 08:06:28 | 08:07:33 | 08:08:32 | 08:09:31 | 08:10:40 | 08:11:49 | 08:12:54 |
| Green                                                       | 08:01:47       | 08:02:47 | 08:03:53 | 08:04:58 | 08:05:05 | 08:07:08 | 08:08:12 | 08:09:16 | 08:10:19 | 08:11:28 | 08:12:33 | 08:13:38 |
| Total                                                       | 00:01:08       | 00:01:00 | 00:01:06 | 00:01:05 | 00:01:07 | 00:01:03 | 00:01:04 | 00:01:03 | 00:01:09 | 00:01:05 | 00:01:05 | 00:01:05 |
| Cycle Time (s)                                              | 59             | 59       | 59       | 59       | 57       | 53       | 54       | 54       | 53       | 59       | 55       | 55       |
| Green Time (s)                                              | 17             | 12       | 13       | 15       | 16       | 20       | 22       | 17       | 12       | 18       | 18       | 18       |
| Saturation Time (s)                                         | 16             | 10       | 15       | 17       | 19       | 5        | 12       | 1        | 0        | 16       | 12       | 16       |
| Effective Green                                             | 0              | 0        | 2        | 2        | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted)                              | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                               | 3              | 4        | 3        | 8        | 7        | 2        | 6        | 2        | 0        | 6        | 6        | 6        |
| Non-Saturated PCU                                           | 0              | 1        | 0        | 0        | 0        | 3        | 0        | 0        | 3        | 0        | 0        | 0        |
| Cycle PCU                                                   | 3              | 5        | 3        | 8        | 7        | 5        | 6        | 2        | 3        | 6        | 6        | 6        |
| Effective Green (insert number of additional seconds below) | 17.14          | 12.14    | 13.14    | 15.14    | 16.14    | 20.14    | 22.14    | 17.14    | 12.14    | 18.14    | 18.14    | 18.14    |
| 0.32                                                        |                |          |          |          |          |          |          |          |          |          |          |          |
| Sat Flow                                                    | 675            | 1440     | 720      | 1894     | 1526     | 1440     | 1800     | 7200     | 0        | 1350     | 1800     | 1350     |
| Use Sat Flow?                                               | Yes            | No       | Yes      | Yes      | Yes      | No       | Yes      | No       | No       | Yes      | Yes      | Yes      |
| Free Flow Conditions?                                       | No             | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCU/h) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|----------------|
| Obs1 (flow during saturation)  | 1   |      | 2   |       |       |     |       |         |         | 3      | 3              |
| Obs1 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs2 (flow during saturation)  | 2   |      | 2   |       |       |     |       |         |         | 4      | 4              |
| Obs2 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1              |
| Obs3 (flow during saturation)  | 1   |      | 1   |       | 1     |     |       |         |         | 2      | 3              |
| Obs3 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs4 (flow during saturation)  | 5   |      | 3   |       |       |     |       |         |         | 8      | 8              |
| Obs4 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs5 (flow during saturation)  | 5   |      |     |       |       | 1   |       |         |         | 6      | 7              |
| Obs5 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs6 (flow during saturation)  | 1   |      | 1   |       |       |     |       |         |         | 2      | 2              |
| Obs6 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3              |
| Obs7 (flow during saturation)  | 3   |      | 3   |       |       |     |       |         |         | 6      | 6              |
| Obs7 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs8 (flow during saturation)  |     |      |     |       |       |     | 1     |         |         | 1      | 2              |
| Obs8 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs9 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs9 (flow out of saturation)  | 2   |      | 1   |       |       |     |       |         |         | 3      | 3              |
| Obs10 (flow during saturation) | 2   |      | 2   | 1     |       |     |       |         |         | 5      | 6              |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs11 (flow during saturation) | 6   |      |     |       |       |     |       |         |         | 6      | 6              |
| Obs11 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs12 (flow during saturation) | 5   |      | 1   |       |       |     |       |         |         | 6      | 6              |
| Obs12 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs13 (flow during saturation) | 1   |      | 1   |       |       |     |       |         |         | 2      | 2              |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 1      | 1              |
| Obs14 (flow during saturation) |     |      | 1   |       |       |     |       |         |         | 1      | 1              |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 1      | 1              |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs16 (flow out of saturation) | 2   |      |     |       |       |     |       |         |         | 2      | 2              |
| Obs17 (flow during saturation) | 1   |      | 1   |       |       |     |       |         |         | 2      | 2              |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs18 (flow during saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3              |
| Obs18 (flow out of saturation) | 1   |      |     |       |       |     |       |         |         | 2      | 2              |
| Obs19 (flow during saturation) | 1   |      | 1   |       |       |     |       |         |         | 2      | 2              |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs20 (flow during saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 1              |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs21 (flow during saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 1              |
| Obs21 (flow out of saturation) |     |      | 1   |       |       |     |       |         |         | 1      | 2              |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0              |
| Obs22 (flow out of saturation) | 2   |      |     |       |       |     |       |         |         | 2      | 2              |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |          |          |          |          |          |          |          |          |          |  |  |
|-------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|
| Obs13                                                                               | Obs14    | Obs15    | Obs16    | Obs17    | Obs18    | Obs19    | Obs20    | Obs21    | Obs22    |  |  |
| 10:20:22                                                                            | 10:21:28 | 10:22:22 | 10:23:22 | 10:24:19 | 10:25:17 | 10:26:13 | 10:27:13 | 10:28:12 | 10:29:19 |  |  |
| 10:20:27                                                                            | 10:21:32 | 10:22:22 | 10:23:22 | 10:24:25 | 10:25:24 | 10:26:19 | 10:27:13 | 10:28:13 | 10:29:19 |  |  |
| 10:20:47                                                                            | 10:21:46 | 10:22:42 | 10:23:45 | 10:24:40 | 10:25:35 | 10:26:31 | 10:27:35 | 10:28:34 | 10:29:35 |  |  |
| 10:20:50                                                                            | 10:21:49 | 10:22:45 | 10:23:48 | 10:24:43 | 10:25:38 | 10:26:34 | 10:27:38 | 10:28:37 | 10:29:38 |  |  |
| 10:21:28                                                                            | 10:22:22 | 10:23:22 | 10:24:19 | 10:25:17 | 10:26:13 | 10:27:13 | 10:28:12 | 10:29:18 | 10:30:18 |  |  |

|          |          |          |          |          |          |          |          |          |          |  |  |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|
| 00:01:06 | 00:00:54 | 00:01:00 | 00:00:57 | 00:00:58 | 00:00:56 | 00:01:00 | 00:00:59 | 00:01:07 | 00:01:00 |  |  |
| 55       | 54       | 50       | 57       | 58       | 56       | 50       | 59       | 57       | 50       |  |  |
| 25       | 18       | 20       | 23       | 21       | 18       | 18       | 22       | 27       | 16       |  |  |
| 5        | 4        | 0        | 0        | 6        | 7        | 6        | 0        | 1        | 0        |  |  |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |

|   |   |   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|---|---|--|--|
| 2 | 1 | 0 | 0 | 2 | 3 | 2 | 0 | 1 | 0 |  |  |
| 1 | 1 | 0 | 2 | 0 | 1 | 0 | 1 | 1 | 2 |  |  |
| 3 | 2 | 0 | 2 | 2 | 4 | 2 | 1 | 2 | 2 |  |  |

|       |       |       |       |       |       |       |       |       |       |  |  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| 25.14 | 18.14 | 20.14 | 23.14 | 21.14 | 18.14 | 18.14 | 22.14 | 22.14 | 16.14 |  |  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|

|      |     |     |     |      |      |      |     |      |     |  |  |
|------|-----|-----|-----|------|------|------|-----|------|-----|--|--|
| 1440 | 900 | 0   | 0   | 1200 | 1545 | 1200 | 0   | 3600 | 0   |  |  |
| No   | No  | No  | No  | No   | No   | No   | No  | Yes  | No  |  |  |
| Yes  | Yes | Yes | Yes | Yes  | Yes  | Yes  | Yes | Yes  | Yes |  |  |

|                  |         |
|------------------|---------|
| Average Sat Flow | #DIV/0! |
| Average DoS      | #DIV/0! |
| Sat Flow Obs     | 0       |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 16.50              | 16.82                        | 64.92              | 5.00         | 277.3                        |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
B - INTERNAL Southbound  
1) - Kerbside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 08:01:00       | 08:02:04 | 08:03:05 | 08:04:14 | 08:05:19 | 08:06:30 | 08:07:35 | 08:08:34 | 08:09:32 | 08:10:43 | 08:11:52 | 08:12:57 |
| Time at start of full demand if different to green |                |          |          |          |          | 08:06:31 |          |          | 08:09:42 | 08:10:59 |          |          |
| End of Saturation/Full Demand                      | 08:01:07       | 08:02:13 | 08:03:12 | 08:04:14 | 08:05:19 | 08:07:03 | 08:07:35 | 08:08:52 | 08:09:55 | 08:11:08 | 08:11:52 | 08:12:57 |
| Amber                                              | 08:01:42       | 08:02:42 | 08:03:46 | 08:04:53 | 08:06:03 | 08:07:03 | 08:08:07 | 08:09:11 | 08:10:15 | 08:11:24 | 08:12:29 | 08:13:34 |
| Red                                                | 08:01:45       | 08:02:45 | 08:03:51 | 08:04:56 | 08:06:03 | 08:07:06 | 08:08:10 | 08:09:14 | 08:10:18 | 08:11:27 | 08:12:33 | 08:13:37 |
| Green                                              | 08:02:04       | 08:03:05 | 08:04:14 | 08:05:19 | 08:06:30 | 08:07:35 | 08:08:34 | 08:09:32 | 08:10:43 | 08:11:52 | 08:12:57 | 08:14:02 |
| Total                                              | 00:01:04       | 00:01:01 | 00:01:09 | 00:01:05 | 00:01:11 | 00:01:05 | 00:00:59 | 00:00:58 | 00:01:11 | 00:01:09 | 00:01:05 | 00:01:05 |
| Cycle Time (s)                                     | 64             | 61       | 69       | 65       | 71       | 65       | 58       | 58       | 71       | 69       | 65       | 65       |
| Green Time (s)                                     | 42             | 38       | 43       | 39       | 44       | 33       | 32       | 37       | 43       | 41       | 37       | 37       |
| Saturation Time (s)                                | 7              | 9        | 7        | 0        | 0        | 32       | 0        | 18       | 13       | 9        | 0        | 0        |
| Effective Green                                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)               | 0              | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 10       | 16       | 0        | 0        |

|                   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| Saturated PCU     | 2 | 2 | 2 | 0 | 0 | 8 | 0 | 7 | 5 | 3 | 0 | 0 |
| Non-Saturated PCU | 4 | 2 | 5 | 6 | 4 | 0 | 2 | 1 | 2 | 4 | 4 | 7 |
| Cycle PCU         | 6 | 4 | 7 | 6 | 4 | 8 | 2 | 8 | 7 | 7 | 4 | 7 |

|                                                                     |       |       |       |       |       |       |       |       |       |       |       |       |
|---------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below)<br>6.00 | 42.00 | 38.00 | 43.00 | 39.00 | 44.00 | 33.00 | 32.00 | 37.00 | 43.00 | 41.00 | 37.00 | 37.00 |
| Sat Flow                                                            | 1029  | 800   | 1029  | 0     | 0     | 900   | 0     | 1400  | 1385  | 1200  | 0     | 0     |
| Use Sat Flow?                                                       | No    | No    | No    | No    | No    | Yes   | No    | Yes   | Yes   | No    | No    | No    |
| Free Flow Conditions?                                               | No    | No    | No    | No    | No    | No    | No    | No    | No    | No    | No    | No    |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  | 1   |      | 1   |       |       |     |       |        |        | 2      | 2             |
| Obs1 (flow out of saturation)  | 2   |      |     |       | 1     |     |       |        |        | 3      | 4             |
| Obs2 (flow during saturation)  | 1   |      |     |       | 1     |     |       |        |        | 2      | 2             |
| Obs2 (flow out of saturation)  | 1   | 1    |     |       |       |     |       |        |        | 2      | 2             |
| Obs3 (flow during saturation)  | 1   |      | 1   |       |       |     |       |        |        | 2      | 2             |
| Obs3 (flow out of saturation)  | 3   |      | 2   |       |       |     |       |        |        | 5      | 5             |
| Obs4 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs4 (flow out of saturation)  | 3   |      | 1   | 1     |       |     |       |        |        | 5      | 5             |
| Obs5 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs5 (flow out of saturation)  | 4   |      |     |       |       |     |       |        |        | 4      | 4             |
| Obs6 (flow during saturation)  | 5   |      |     | 2     |       |     |       |        |        | 7      | 8             |
| Obs6 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs7 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs7 (flow out of saturation)  |     |      |     | 1     |       |     |       |        |        | 1      | 2             |
| Obs8 (flow during saturation)  | 3   |      | 1   | 2     |       |     |       |        |        | 6      | 7             |
| Obs8 (flow out of saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 2             |
| Obs9 (flow during saturation)  | 5   |      |     |       |       |     |       |        |        | 5      | 5             |
| Obs9 (flow out of saturation)  |     |      |     |       | 1     |     |       |        |        | 1      | 2             |
| Obs10 (flow during saturation) | 1   |      |     |       | 1     |     |       |        |        | 2      | 3             |
| Obs10 (flow out of saturation) | 2   |      |     |       | 1     |     |       |        |        | 3      | 4             |
| Obs11 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs11 (flow out of saturation) | 3   |      | 1   |       |       |     |       |        |        | 4      | 4             |
| Obs12 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs12 (flow out of saturation) | 6   |      | 1   |       |       |     |       |        |        | 7      | 7             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

|                  |         |
|------------------|---------|
| Average Sat Flow | #DIV/0! |
| Average DoS      | #DIV/0! |
| Sat Flow Obs     | 0       |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 38.83              | 38.83                        | 65.17              | 5.83         | 322.3                        |

Site  
Approach  
Lane

5 - The ParkwayHayes Road/N Hyde Road  
B - INTERNAL Southbound  
2) Central 1

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 08:01:00       | 08:02:04 | 08:03:05 | 08:04:14 | 08:05:19 | 08:06:30 | 08:07:35 | 08:08:34 | 08:09:32 | 08:10:43 | 08:11:52 | 08:12:57 |
| Time at start of full demand if different to green          | 08:01:07       |          | 08:03:14 | 08:04:21 | 08:05:23 |          |          |          |          | 08:10:59 |          |          |
| End of Saturation/Full Demand                               | 08:01:13       | 08:02:08 | 08:03:41 | 08:04:28 | 08:05:43 | 08:06:44 | 08:07:56 | 08:08:36 | 08:10:18 | 08:11:26 | 08:12:22 | 08:13:35 |
| Amber                                                       | 08:01:42       | 08:02:42 | 08:03:48 | 08:04:53 | 08:06:03 | 08:07:33 | 08:08:07 | 08:09:11 | 08:10:15 | 08:11:24 | 08:12:29 | 08:13:34 |
| Red                                                         | 08:01:45       | 08:02:45 | 08:03:51 | 08:04:56 | 08:06:03 | 08:07:06 | 08:08:10 | 08:09:14 | 08:10:18 | 08:11:27 | 08:12:33 | 08:13:37 |
| Green                                                       | 08:02:04       | 08:03:05 | 08:04:14 | 08:05:19 | 08:06:30 | 08:07:35 | 08:08:34 | 08:09:32 | 08:10:43 | 08:11:52 | 08:12:57 | 08:14:02 |
| Total                                                       | 00:01:04       | 00:01:01 | 00:01:09 | 00:01:05 | 00:01:11 | 00:01:05 | 00:00:59 | 00:00:58 | 00:01:11 | 00:01:09 | 00:01:05 | 00:01:05 |
| Cycle Time (s)                                              | 64             | 61       | 69       | 65       | 71       | 65       | 59       | 58       | 71       | 69       | 65       | 65       |
| Green Time (s)                                              | 42             | 38       | 43       | 39       | 44       | 33       | 32       | 37       | 43       | 41       | 37       | 37       |
| Saturation Time (s)                                         | 6              | 4        | 27       | 7        | 20       | 14       | 21       | 2        | 46       | 27       | 30       | 38       |
| Effective Green                                             | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 5        | 2        | 0        | 1        |
| Seconds of Green Lost (Waste)                               | 7              | 0        | 9        | 7        | 4        | 0        | 0        | 0        | 0        | 16       | 0        | 0        |
| Saturated PCU                                               | 3              | 1        | 6        | 4        | 11       | 5        | 7        | 2        | 11       | 8        | 8        | 11       |
| Non-Saturated PCU                                           | 7              | 2        | 0        | 3        | 0        | 2        | 0        | 9        | 0        | 0        | 0        | 0        |
| Cycle PCU                                                   | 10             | 3        | 6        | 7        | 11       | 7        | 7        | 11       | 11       | 8        | 8        | 11       |
| Effective Green (insert number of additional seconds below) | 42.00          | 38.00    | 43.00    | 39.00    | 44.00    | 33.00    | 32.00    | 37.00    | 43.00    | 41.00    | 37.00    | 37.00    |
| Sat Flow                                                    | 1800           | 900      | 800      | 2057     | 1980     | 1286     | 1200     | 3600     | 861      | 1067     | 960      | 1042     |
| Use Sat Flow?                                               | No             | No       | Yes      | No       | Yes      | Yes      | Yes      | No       | Yes      | Yes      | Yes      | Yes      |
| Free Flow Conditions?                                       | No             | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs1 (flow out of saturation)  | 7   |      |     |       |       |     |       |        |        | 7      | 7             |
| Obs2 (flow during saturation)  |     |      | 1   |       |       |     |       |        |        | 1      | 1             |
| Obs2 (flow out of saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs3 (flow during saturation)  | 5   |      | 1   |       |       |     |       |        |        | 6      | 6             |
| Obs3 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs4 (flow during saturation)  | 4   |      |     |       |       |     |       |        |        | 4      | 4             |
| Obs4 (flow out of saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs5 (flow during saturation)  | 9   |      | 2   |       |       |     |       |        |        | 11     | 11            |
| Obs5 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs6 (flow during saturation)  | 5   |      |     |       |       |     |       |        |        | 5      | 5             |
| Obs6 (flow out of saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs7 (flow during saturation)  | 6   |      | 1   |       |       |     |       |        |        | 7      | 7             |
| Obs7 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs8 (flow during saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs8 (flow out of saturation)  | 8   |      |     |       |       |     |       |        |        | 8      | 8             |
| Obs9 (flow during saturation)  | 6   |      | 1   | 1     | 1     |     |       |        |        | 9      | 11            |
| Obs9 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs10 (flow during saturation) | 6   |      |     |       | 1     |     |       |        |        | 7      | 9             |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs11 (flow during saturation) | 7   |      | 1   |       |       |     |       |        |        | 8      | 8             |
| Obs11 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 8      | 11            |
| Obs12 (flow during saturation) | 5   |      |     | 1     | 2     |     |       |        |        | 8      | 11            |
| Obs12 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

|                  |         |
|------------------|---------|
| Average Sat Flow | #DIV/0! |
| Average DoS      | #DIV/0! |
| Sat Flow Obs     | 0       |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 38.63              | 39.11                        | 65.17              | 6.33         | 460.4                        |

5 - The Parkway/Hayes Road/N Hyde Road  
B - INTERNAL Southbound  
3) Central 2

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 38.83              | 38.83                        | 65.17              | 8.67         | 478.8                        |

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[illegible][illegible][illegible][illegible][illegible][illegible][illegible]

|                  |         |
|------------------|---------|
| Average Sat Flow | #DIV/0! |
| Average DoS      | #DIV/0! |
| Sat Flow Obs     | 0       |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 38.83              | 38.83                        | 65.17              | 3.67         | 202.6                        |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
C - The Parkway (S) Northbound  
1) - Kerbside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 08:01:05       | 08:02:10 | 08:03:11 | 08:04:20 | 08:05:27 | 08:06:35 | 08:07:29 | 08:08:35 | 08:09:45 | 08:10:51 | 08:11:55 | 08:13:02 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 08:01:16       | 08:02:19 | 08:03:27 | 08:04:44 | 08:05:44 | 08:06:45 | 08:07:48 | 08:08:51 | 08:09:59 | 08:11:09 | 08:12:08 | 08:13:21 |
| Amber                                              | 08:01:33       | 08:02:30 | 08:03:33 | 08:04:44 | 08:05:52 | 08:06:56 | 08:07:58 | 08:09:02 | 08:10:05 | 08:11:13 | 08:12:24 | 08:13:25 |
| Red                                                | 08:01:36       | 08:02:33 | 08:03:36 | 08:04:47 | 08:05:55 | 08:06:59 | 08:08:01 | 08:09:05 | 08:10:08 | 08:11:16 | 08:12:27 | 08:13:28 |
| Green                                              | 08:02:10       | 08:03:11 | 08:04:20 | 08:05:27 | 08:06:35 | 08:07:29 | 08:08:35 | 08:09:45 | 08:10:51 | 08:11:55 | 08:13:02 | 08:14:11 |

|                                      |          |          |          |          |          |          |          |          |          |          |          |          |
|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Total                                | 00:01:05 | 00:01:01 | 00:01:09 | 00:01:07 | 00:01:08 | 00:00:54 | 00:01:05 | 00:01:10 | 00:01:06 | 00:01:04 | 00:01:07 | 00:01:09 |
| Cycle Time (s)                       | 65       | 61       | 69       | 67       | 68       | 54       | 66       | 70       | 66       | 64       | 67       | 69       |
| Green Time (s)                       | 28       | 20       | 22       | 24       | 25       | 21       | 29       | 27       | 20       | 22       | 29       | 23       |
| Saturation Time (s)                  | 11       | 9        | 16       | 24       | 17       | 10       | 19       | 16       | 14       | 16       | 13       | 19       |
| Effective Green                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|                   |    |   |   |    |   |   |    |    |   |    |   |   |
|-------------------|----|---|---|----|---|---|----|----|---|----|---|---|
| Saturated PCU     | 6  | 5 | 9 | 13 | 8 | 5 | 10 | 10 | 6 | 10 | 7 | 8 |
| Non-Saturated PCU | 6  | 1 | 0 | 0  | 0 | 3 | 1  | 1  | 0 | 3  | 1 | 0 |
| Cycle PCU         | 12 | 6 | 9 | 13 | 8 | 8 | 11 | 11 | 6 | 13 | 8 | 8 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 28.00 | 20.00 | 22.00 | 24.00 | 25.00 | 21.00 | 29.00 | 27.00 | 20.00 | 22.00 | 29.00 | 23.00 |
| Cycle PCU                                                   | 6.00  |       |       |       |       |       |       |       |       |       |       |       |

|                       |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Sat Flow              | 1964 | 2000 | 2025 | 1950 | 1694 | 1800 | 1895 | 2250 | 1543 | 2000 | 1938 | 1516 |
| Use Sat Flow?         | No   | No   | Yes  | Yes  | Yes  | No   | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Free Flow Conditions? | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  | 5   |      | 1   |       |       |     |       |        |        | 6      | 6             |
| Obs1 (flow out of saturation)  | 2   |      | 2   | 1     |       |     |       |        |        | 5      | 6             |
| Obs2 (flow during saturation)  | 3   |      | 2   |       |       |     |       |        |        | 5      | 5             |
| Obs2 (flow out of saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs3 (flow during saturation)  | 8   |      | 1   |       |       |     |       |        |        | 9      | 9             |
| Obs3 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs4 (flow during saturation)  | 8   |      | 1   | 1     | 1     |     |       | 1      |        | 12     | 13            |
| Obs4 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs5 (flow during saturation)  | 5   |      |     | 2     |       |     |       | 1      |        | 8      | 8             |
| Obs5 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs6 (flow during saturation)  | 3   |      |     |       | 1     |     |       |        |        | 4      | 5             |
| Obs6 (flow out of saturation)  | 1   |      |     |       |       |     | 1     |        |        | 2      | 3             |
| Obs7 (flow during saturation)  | 9   |      | 1   |       |       |     |       |        |        | 10     | 10            |
| Obs7 (flow out of saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs8 (flow during saturation)  | 8   | 1    | 1   |       |       |     |       |        |        | 10     | 10            |
| Obs8 (flow out of saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs9 (flow during saturation)  | 5   |      | 1   |       |       |     |       |        |        | 6      | 6             |
| Obs9 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs10 (flow during saturation) | 7   |      | 1   |       | 1     |     |       |        |        | 9      | 10            |
| Obs10 (flow out of saturation) |     |      |     | 2     |       |     |       | 1      |        | 2      | 3             |
| Obs11 (flow during saturation) | 6   |      | 1   |       |       |     |       | 1      |        | 8      | 7             |
| Obs11 (flow out of saturation) | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs12 (flow during saturation) | 5   |      | 3   |       |       |     |       |        |        | 8      | 8             |
| Obs12 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 8 | 0 | 0 | 8 | 8 | 8 | 8 | 8 | 8 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|      |      |      |      |      |      |      |      |      |      |      |      |

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1968   |
| Average DCS      | 75.10% |
| Sat Flow Obs     | 9      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 24.17              | 24.17                        | 65.50              | 9.42         | 517.6                        |

Site  
Approach  
Lane

5 - The ParkwayHayes Road/N Hyde Road  
C - The Parkway (S) Northbound  
2) Central 1

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 08:01:05       | 08:02:10 | 08:03:11 | 08:04:20 | 08:05:27 | 08:06:35 | 08:07:29 | 08:08:35 | 08:09:45 | 08:10:51 | 08:11:55 | 08:13:02 |
| Time at start of full demand if different to green          |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                               | 08:01:25       | 08:02:32 | 08:03:35 | 08:04:38 | 08:05:53 | 08:06:56 | 08:07:47 | 08:08:49 | 08:09:57 | 08:11:02 | 08:12:18 | 08:13:20 |
| Amber                                                       | 08:01:33       | 08:02:30 | 08:03:33 | 08:04:44 | 08:05:52 | 08:06:56 | 08:07:58 | 08:09:02 | 08:10:05 | 08:11:13 | 08:12:24 | 08:13:25 |
| Red                                                         | 08:01:36       | 08:02:33 | 08:03:36 | 08:04:47 | 08:05:55 | 08:06:59 | 08:08:01 | 08:09:05 | 08:10:08 | 08:11:16 | 08:12:27 | 08:13:28 |
| Green                                                       | 08:02:10       | 08:03:11 | 08:04:20 | 08:05:27 | 08:06:35 | 08:07:29 | 08:08:35 | 08:09:45 | 08:10:51 | 08:11:55 | 08:13:02 | 08:14:11 |
| Total                                                       | 00:01:05       | 00:01:01 | 00:01:09 | 00:01:07 | 00:01:08 | 00:00:54 | 00:01:05 | 00:01:10 | 00:01:06 | 00:01:04 | 00:01:07 | 00:01:09 |
| Cycle Time (s)                                              | 65             | 61       | 69       | 67       | 68       | 54       | 66       | 70       | 66       | 64       | 67       | 69       |
| Green Time (s)                                              | 28             | 20       | 22       | 24       | 25       | 21       | 29       | 27       | 20       | 22       | 29       | 23       |
| Saturation Time (s)                                         | 20             | 22       | 24       | 18       | 26       | 21       | 18       | 14       | 12       | 11       | 23       | 18       |
| Effective Green                                             | 0              | 2        | 2        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Waste)                               | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                               | 11             | 12       | 9        | 8        | 13       | 9        | 9        | 7        | 7        | 5        | 13       | 9        |
| Non-Saturated PCU                                           | 0              | 0        | 1        | 2        | 0        | 0        | 1        | 2        | 0        | 0        | 1        | 0        |
| Cycle PCU                                                   | 11             | 12       | 10       | 10       | 13       | 9        | 10       | 9        | 7        | 5        | 14       | 9        |
| Effective Green (insert number of additional seconds below) | 28.00          | 20.00    | 22.00    | 24.00    | 25.00    | 21.00    | 29.00    | 27.00    | 20.00    | 22.00    | 29.00    | 23.00    |
| Sat Flow                                                    | 1980           | 1964     | 1350     | 1600     | 1800     | 1543     | 1800     | 1800     | 2100     | 1636     | 2035     | 1900     |
| Use Sat Flow?                                               | Yes            | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | No       | Yes      | Yes      |
| Free Flow Conditions?                                       | Yes            | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  | 8   |      | 1   | 1     |       |     |       |        |        | 10     | 11            |
| Obs1 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs2 (flow during saturation)  | 10  |      | 2   |       |       |     |       |        |        | 12     | 12            |
| Obs2 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs3 (flow during saturation)  | 2   |      | 3   | 1     | 1     |     |       |        |        | 7      | 9             |
| Obs3 (flow out of saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs4 (flow during saturation)  | 7   |      | 1   |       |       |     |       |        |        | 8      | 8             |
| Obs4 (flow out of saturation)  |     |      |     | 1     |       |     |       |        |        | 1      | 1             |
| Obs5 (flow during saturation)  | 13  |      |     |       |       |     |       |        |        | 13     | 13            |
| Obs5 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs6 (flow during saturation)  | 8   |      | 1   |       |       |     |       |        |        | 9      | 9             |
| Obs6 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs7 (flow during saturation)  | 6   |      | 3   |       |       |     |       |        |        | 9      | 9             |
| Obs7 (flow out of saturation)  |     |      | 1   |       |       |     |       |        |        | 1      | 1             |
| Obs8 (flow during saturation)  | 4   |      | 1   |       | 1     |     |       |        |        | 6      | 7             |
| Obs8 (flow out of saturation)  | 2   |      |     |       |       |     |       | 1      |        | 3      | 2             |
| Obs9 (flow during saturation)  | 3   | 1    | 1   | 1     |       |     |       |        |        | 6      | 7             |
| Obs9 (flow out of saturation)  |     |      |     |       |       |     |       | 1      |        | 1      | 0             |
| Obs10 (flow during saturation) | 4   |      | 1   |       |       |     |       |        |        | 5      | 6             |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       | 1      |        | 0      | 0             |
| Obs11 (flow during saturation) | 9   |      | 2   | 1     |       |     |       |        |        | 12     | 13            |
| Obs11 (flow out of saturation) | 1   |      |     |       |       |     |       | 1      |        | 2      | 1             |
| Obs12 (flow during saturation) | 5   |      | 2   | 1     |       |     |       |        |        | 8      | 9             |
| Obs12 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1797   |
| Average DoS      | 81.42% |
| Sat Flow Obs     | 11     |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 24.17              | 24.39                        | 65.50              | 9.92         | 545.0                        |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
C - The Parkway (S) Northbound  
3) Central 2

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 08:01:05       | 08:02:10 | 08:03:11 | 08:04:20 | 08:05:27 | 08:06:35 | 08:07:29 | 08:08:35 | 08:09:45 | 08:10:51 | 08:11:55 | 08:13:02 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 08:01:25       | 08:02:18 | 08:03:34 | 08:04:44 | 08:05:38 | 08:06:49 | 08:07:38 | 08:08:59 | 08:09:54 | 08:11:02 | 08:12:10 | 08:13:11 |
| Amber                                              | 08:01:33       | 08:02:30 | 08:03:33 | 08:04:44 | 08:05:32 | 08:06:58 | 08:07:58 | 08:09:02 | 08:10:05 | 08:11:13 | 08:12:24 | 08:13:25 |
| Red                                                | 08:01:36       | 08:02:33 | 08:03:36 | 08:04:47 | 08:05:55 | 08:06:59 | 08:08:01 | 08:09:05 | 08:10:08 | 08:11:16 | 08:12:27 | 08:13:28 |
| Green                                              | 08:02:10       | 08:03:11 | 08:04:20 | 08:05:27 | 08:06:35 | 08:07:29 | 08:08:35 | 08:09:45 | 08:10:51 | 08:11:55 | 08:13:02 | 08:14:11 |

|                              |          |          |          |          |          |          |          |          |          |          |          |          |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Total                        | 00:01:05 | 00:01:01 | 00:01:09 | 00:01:07 | 00:01:08 | 00:00:54 | 00:01:06 | 00:01:10 | 00:01:06 | 00:01:04 | 00:01:07 | 00:01:09 |
| Cycle Time (s)               | 65       | 61       | 69       | 67       | 68       | 54       | 66       | 70       | 66       | 64       | 67       | 69       |
| Green Time (s)               | 28       | 20       | 22       | 24       | 25       | 21       | 29       | 27       | 20       | 22       | 29       | 23       |
| Saturation Time (s)          | 20       | 8        | 23       | 24       | 11       | 14       | 9        | 24       | 9        | 11       | 15       | 9        |
| Effective Green              | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (West) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|                   |    |   |    |    |    |    |    |    |   |   |    |   |
|-------------------|----|---|----|----|----|----|----|----|---|---|----|---|
| Saturated PCU     | 11 | 5 | 10 | 15 | 7  | 7  | 6  | 13 | 5 | 7 | 9  | 5 |
| Non-Saturated PCU | 0  | 3 | 0  | 0  | 6  | 3  | 4  | 0  | 3 | 0 | 5  | 4 |
| Cycle PCU         | 11 | 8 | 10 | 15 | 13 | 10 | 10 | 13 | 8 | 7 | 14 | 9 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 28.00 | 20.00 | 22.00 | 24.00 | 25.00 | 21.00 | 29.00 | 27.00 | 20.00 | 22.00 | 29.00 | 23.00 |
| 0.05                                                        |       |       |       |       |       |       |       |       |       |       |       |       |

|                       |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Sat Flow              | 1980 | 2250 | 1565 | 2250 | 2291 | 1900 | 2400 | 1950 | 2000 | 2291 | 2160 | 2000 |
| Use Sat Flow?         | Yes  | No   | Yes  | Yes  | Yes  | Yes  | No   | Yes  | No   | No   | Yes  | No   |
| Free Flow Conditions? | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 10  |      |     | 1     |       |     |       |         |         | 11     | 11            |
| Obs1 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs2 (flow during saturation)  | 4   |      |     | 1     |       |     |       |         |         | 5      | 5             |
| Obs2 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs3 (flow during saturation)  | 9   |      |     | 1     |       |     |       |         |         | 10     | 10            |
| Obs3 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs4 (flow during saturation)  | 14  |      |     | 1     |       |     |       |         |         | 15     | 15            |
| Obs4 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs5 (flow during saturation)  | 7   |      |     |       |       |     |       |         |         | 7      | 7             |
| Obs5 (flow out of saturation)  | 4   |      |     | 1     |       |     |       |         |         | 5      | 5             |
| Obs6 (flow during saturation)  | 5   |      |     | 2     |       |     |       | 1       |         | 8      | 7             |
| Obs6 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs7 (flow during saturation)  | 4   |      |     | 2     |       |     |       |         |         | 6      | 6             |
| Obs7 (flow out of saturation)  | 2   |      |     | 2     |       |     |       |         |         | 4      | 4             |
| Obs8 (flow during saturation)  | 6   |      |     | 5     |       |     |       |         |         | 13     | 13            |
| Obs8 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs9 (flow during saturation)  | 3   |      |     | 2     |       |     |       |         |         | 5      | 5             |
| Obs9 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs10 (flow during saturation) | 7   |      |     |       |       |     |       |         |         | 7      | 7             |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow during saturation) | 5   |      |     | 4     |       |     |       |         |         | 9      | 9             |
| Obs11 (flow out of saturation) | 3   |      |     | 2     |       |     |       |         |         | 5      | 5             |
| Obs12 (flow during saturation) | 4   |      |     | 1     |       |     |       |         |         | 5      | 5             |
| Obs12 (flow out of saturation) | 2   |      |     |       |       | 1   |       |         |         | 3      | 4             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1989   |
| Average DCS      | 78.32% |
| Sat Flow Obs     | 7      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 24.17              | 24.21                        | 65.50              | 10.67        | 586.3                        |

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|                  |        |
|------------------|--------|
| Average Sat Flow | 2291   |
| Average DoS      | 36.85% |
| Sat Flow Obs     | 1      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 24.17              | 24.17                        | 65.50              | 5.67         | 311.5                        |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
C - INTERNAL Westbound  
1) - Kerbside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 08:00:24       | 08:01:36 | 08:02:34 | 08:03:37 | 08:04:46 | 08:05:54 | 08:06:59 | 08:08:01 | 08:09:05 | 08:10:09 | 08:11:16 | 08:12:27 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 08:00:28       | 08:01:52 | 08:03:01 | 08:03:42 | 08:05:01 | 08:06:05 | 08:07:07 | 08:08:14 | 08:09:14 | 08:10:14 | 08:11:26 | 08:12:45 |
| Amber                                              | 08:00:59       | 08:02:03 | 08:03:04 | 08:04:13 | 08:05:20 | 08:06:28 | 08:07:22 | 08:08:28 | 08:09:38 | 08:10:43 | 08:11:47 | 08:12:54 |
| Red                                                | 08:01:02       | 08:02:06 | 08:03:07 | 08:04:16 | 08:05:23 | 08:06:31 | 08:07:25 | 08:08:31 | 08:09:41 | 08:10:46 | 08:11:50 | 08:12:57 |
| Green                                              | 08:01:36       | 08:02:34 | 08:03:37 | 08:04:46 | 08:05:54 | 08:06:59 | 08:08:01 | 08:09:05 | 08:10:09 | 08:11:16 | 08:12:27 | 08:13:28 |
| Total                                              | 00:01:12       | 00:00:58 | 00:01:03 | 00:01:09 | 00:01:08 | 00:01:05 | 00:01:02 | 00:01:04 | 00:01:04 | 00:01:07 | 00:01:11 | 00:01:01 |
| Cycle Time (s)                                     | 72             | 58       | 63       | 69       | 68       | 65       | 62       | 64       | 64       | 67       | 71       | 61       |
| Green Time (s)                                     | 35             | 27       | 30       | 36       | 34       | 34       | 23       | 27       | 33       | 34       | 31       | 27       |
| Saturation Time (s)                                | 4              | 16       | 27       | 5        | 15       | 11       | 8        | 13       | 9        | 5        | 10       | 18       |
| Effective Green                                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)               | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|                   |   |   |    |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|----|---|---|---|---|---|---|---|---|---|
| Saturated PCU     | 3 | 3 | 10 | 4 | 5 | 6 | 4 | 8 | 5 | 4 | 4 | 6 |
| Non-Saturated PCU | 2 | 0 | 0  | 3 | 2 | 3 | 0 | 0 | 2 | 2 | 3 | 2 |
| Cycle PCU         | 5 | 3 | 10 | 7 | 7 | 9 | 4 | 8 | 7 | 6 | 7 | 8 |

| Effective Green (insert number of additional seconds below) | 35.00 | 27.00 | 30.00 | 36.00 | 34.00 | 34.00 | 23.00 | 27.00 | 33.00 | 34.00 | 31.00 | 27.00 |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Sat Flow                                                    | 2700  | 675   | 1333  | 2880  | 1200  | 1964  | 1800  | 2215  | 2000  | 2880  | 1440  | 1200  |
| Use Sat Flow?                                               | No    | Yes   | Yes   | No    | Yes   | Yes   | No    | Yes   | No    | No    | No    | Yes   |
| Free Flow Conditions?                                       | No    | No    | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | No    | Yes   | Yes   | No    |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs1 (flow out of saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs2 (flow during saturation)  | 1   |      |     |       |       | 1   |       |        |        | 2      | 3             |
| Obs2 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs3 (flow during saturation)  | 5   |      | 1   | 1     |       |     | 1     |        |        | 8      | 10            |
| Obs3 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs4 (flow during saturation)  | 2   |      |     | 1     |       |     |       |        |        | 3      | 4             |
| Obs4 (flow out of saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 8             |
| Obs5 (flow during saturation)  | 3   |      | 2   |       |       |     |       |        |        | 5      | 5             |
| Obs5 (flow out of saturation)  |     |      |     |       | 1     |     |       |        |        | 1      | 2             |
| Obs6 (flow during saturation)  | 6   |      |     |       |       |     |       |        |        | 6      | 6             |
| Obs6 (flow out of saturation)  | 2   |      | 1   |       |       |     |       |        |        | 3      | 3             |
| Obs7 (flow during saturation)  | 4   |      |     |       |       |     |       |        |        | 4      | 4             |
| Obs7 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs8 (flow during saturation)  | 8   |      |     |       |       |     |       |        |        | 8      | 8             |
| Obs8 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs9 (flow during saturation)  | 5   |      |     |       |       |     |       |        |        | 5      | 5             |
| Obs9 (flow out of saturation)  | 3   |      | 1   | 1     |       |     |       |        |        | 4      | 2             |
| Obs10 (flow during saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs11 (flow during saturation) | 2   |      | 2   |       |       |     |       |        |        | 4      | 4             |
| Obs12 (flow during saturation) | 4   |      | 2   |       |       | 1   |       |        |        | 7      | 6             |
| Obs12 (flow out of saturation) | 4   |      |     |       | 1     |     |       |        |        | 4      | 2             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1678   |
| Average DoS      | 46.84% |
| Sat Flow Obs     | 4      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 30.92              | 30.92                        | 65.33              | 6.75         | 371.9                        |

Site  
Approach  
Lane

5 - The ParkwayHayes Road/N Hyde Road  
C - INTERNAL Westbound  
2) Central 1

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 08:00:24       | 08:01:36 | 08:02:34 | 08:03:37 | 08:04:46 | 08:05:54 | 08:06:59 | 08:08:01 | 08:09:05 | 08:10:09 | 08:11:16 | 08:12:27 |
| Time at start of full demand if different to green          | 08:00:29       |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                               | 08:00:31       | 08:01:41 | 08:02:47 | 08:03:40 | 08:05:02 | 08:06:04 | 08:07:00 | 08:08:09 | 08:09:08 | 08:10:12 | 08:11:21 | 08:12:29 |
| Amber                                                       | 08:00:59       | 08:02:03 | 08:03:04 | 08:04:13 | 08:05:20 | 08:06:28 | 08:07:22 | 08:08:28 | 08:09:38 | 08:10:43 | 08:11:47 | 08:12:54 |
| Red                                                         | 08:01:02       | 08:02:06 | 08:03:07 | 08:04:16 | 08:05:23 | 08:06:31 | 08:07:25 | 08:08:31 | 08:09:41 | 08:10:46 | 08:11:50 | 08:12:57 |
| Green                                                       | 08:01:36       | 08:02:34 | 08:03:37 | 08:04:46 | 08:05:54 | 08:06:59 | 08:08:01 | 08:09:05 | 08:10:09 | 08:11:16 | 08:12:27 | 08:13:28 |
| Total                                                       | 00:01:12       | 00:00:58 | 00:01:03 | 00:01:09 | 00:01:08 | 00:01:05 | 00:01:02 | 00:01:04 | 00:01:04 | 00:01:07 | 00:01:11 | 00:01:01 |
| Cycle Time (s)                                              | 72             | 58       | 63       | 69       | 68       | 65       | 62       | 64       | 64       | 67       | 71       | 61       |
| Green Time (s)                                              | 35             | 27       | 30       | 36       | 34       | 34       | 23       | 27       | 33       | 34       | 31       | 27       |
| Saturation Time (s)                                         | 2              | 5        | 13       | 3        | 16       | 10       | 1        | 8        | 3        | 3        | 5        | 2        |
| Effective Green                                             | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Waste)                               | 5              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                               | 2              | 2        | 3        | 2        | 2        | 3        | 1        | 4        | 1        | 3        | 3        | 1        |
| Non-Saturated PCU                                           | 1              | 2        | 0        | 4        | 4        | 4        | 2        | 1        | 3        | 2        | 2        | 3        |
| Cycle PCU                                                   | 3              | 4        | 3        | 6        | 6        | 7        | 3        | 5        | 4        | 5        | 5        | 4        |
| Effective Green (insert number of additional seconds below) | 35.00          | 27.00    | 30.00    | 36.00    | 34.00    | 34.00    | 23.00    | 27.00    | 33.00    | 34.00    | 31.00    | 27.00    |
| Sat Flow                                                    | 3600           | 1440     | 831      | 2400     | 450      | 1080     | 3600     | 1800     | 1200     | 3600     | 2160     | 1800     |
| Use Sat Flow?                                               | No             | No       | Yes      | No       | Yes      | No       | No       | No       | No       | No       | No       | No       |
| Free Flow Conditions?                                       | Yes            | No       | Yes      | Yes      | No       | Yes      | Yes      | Yes      | No       | Yes      | Yes      | Yes      |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs1 (flow out of saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs2 (flow during saturation)  | 1   |      | 1   |       |       |     |       |        |        | 2      | 2             |
| Obs2 (flow out of saturation)  | 1   |      | 1   |       |       |     |       |        |        | 2      | 2             |
| Obs3 (flow during saturation)  | 2   |      | 1   |       |       |     |       |        |        | 3      | 3             |
| Obs3 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs4 (flow during saturation)  | 1   |      | 1   |       |       |     |       |        |        | 2      | 2             |
| Obs4 (flow out of saturation)  | 3   |      | 1   |       |       |     |       |        |        | 4      | 4             |
| Obs5 (flow during saturation)  | 1   |      | 1   |       |       |     |       |        |        | 2      | 2             |
| Obs5 (flow out of saturation)  | 3   |      | 1   |       |       |     |       |        |        | 4      | 4             |
| Obs6 (flow during saturation)  | 2   |      | 1   |       |       |     |       |        |        | 3      | 3             |
| Obs6 (flow out of saturation)  | 2   |      |     | 1     |       |     |       |        |        | 3      | 4             |
| Obs7 (flow during saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs7 (flow out of saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs8 (flow during saturation)  | 2   |      |     | 1     |       |     |       |        |        | 3      | 4             |
| Obs8 (flow out of saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs9 (flow during saturation)  | 1   |      | 1   |       |       |     |       |        |        | 1      | 1             |
| Obs9 (flow out of saturation)  | 2   |      | 1   |       |       |     |       |        |        | 3      | 3             |
| Obs10 (flow during saturation) | 2   |      | 1   |       |       |     |       |        |        | 3      | 3             |
| Obs10 (flow out of saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs11 (flow during saturation) | 2   |      | 1   |       |       |     |       |        |        | 3      | 3             |
| Obs11 (flow out of saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs12 (flow during saturation) | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs12 (flow out of saturation) | 2   |      | 1   |       |       |     |       |        |        | 3      | 3             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

|                  |        |
|------------------|--------|
| Average Sat Flow | 831    |
| Average DoS      | 64.24% |
| Sat Flow Obs     | 1      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 30.92              | 30.92                        | 65.33              | 4.58         | 252.6                        |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
C - INTERNAL Westbound  
3) Outside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 08:00:24       | 08:01:36 | 08:02:34 | 08:03:37 | 08:04:46 | 08:05:54 | 08:06:59 | 08:08:01 | 08:09:05 | 08:10:06 | 08:11:16 | 08:12:27 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          | 08:10:29 |          | 08:12:45 |
| End of Saturation/Full Demand                      | 08:00:24       | 08:01:39 | 08:02:41 | 08:03:37 | 08:04:52 | 08:06:03 | 08:06:59 | 08:08:05 | 08:09:05 | 08:10:39 | 08:11:16 | 08:12:52 |
| Amber                                              | 08:00:59       | 08:02:03 | 08:03:04 | 08:04:13 | 08:05:20 | 08:06:28 | 08:07:23 | 08:08:28 | 08:09:38 | 08:10:43 | 08:11:47 | 08:12:54 |
| Red                                                | 08:01:02       | 08:02:06 | 08:03:07 | 08:04:16 | 08:05:23 | 08:06:31 | 08:07:25 | 08:08:31 | 08:09:41 | 08:10:46 | 08:11:50 | 08:12:57 |
| Green                                              | 08:01:36       | 08:02:34 | 08:03:37 | 08:04:46 | 08:05:54 | 08:06:59 | 08:08:01 | 08:09:05 | 08:10:09 | 08:11:16 | 08:12:27 | 08:13:28 |

|                              |          |          |          |          |          |          |          |          |          |          |          |          |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Total                        | 00:01:12 | 00:00:58 | 00:01:03 | 00:01:09 | 00:01:08 | 00:01:05 | 00:01:02 | 00:01:04 | 00:01:04 | 00:01:07 | 00:01:11 | 00:01:01 |
| Cycle Time (s)               | 72       | 58       | 63       | 69       | 68       | 65       | 62       | 64       | 64       | 67       | 71       | 61       |
| Green Time (s)               | 35       | 27       | 30       | 36       | 34       | 34       | 23       | 27       | 33       | 34       | 31       | 27       |
| Saturation Time (s)          | 0        | 3        | 7        | 0        | 6        | 9        | 0        | 4        | 0        | 10       | 0        | 7        |
| Effective Green              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (West) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 20       | 0        | 18       |

|                   |   |   |   |   |   |    |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|----|---|---|---|---|---|---|
| Saturated PCU     | 0 | 2 | 2 | 0 | 1 | 4  | 0 | 2 | 0 | 6 | 0 | 3 |
| Non-Saturated PCU | 2 | 3 | 0 | 4 | 4 | 6  | 4 | 3 | 3 | 0 | 5 | 0 |
| Cycle PCU         | 2 | 5 | 2 | 4 | 5 | 10 | 4 | 5 | 3 | 6 | 5 | 3 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 35.00 | 27.00 | 30.00 | 36.00 | 34.00 | 34.00 | 23.00 | 27.00 | 33.00 | 34.00 | 31.00 | 27.00 |
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |       |

|                       |     |      |      |     |     |      |     |      |     |      |     |      |
|-----------------------|-----|------|------|-----|-----|------|-----|------|-----|------|-----|------|
| Sat Flow              | 0   | 2400 | 1029 | 0   | 600 | 1600 | 0   | 1800 | 0   | 2160 | 0   | 1543 |
| Use Sat Flow?         | No  | No   | No   | No  | No  | No   | No  | No   | No  | No   | No  | No   |
| Free Flow Conditions? | Yes | No   | Yes  | Yes | No  | No   | Yes | Yes  | Yes | No   | Yes | Yes  |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs1 (flow out of saturation)  | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs2 (flow during saturation)  | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs2 (flow out of saturation)  | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs3 (flow during saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs3 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs4 (flow during saturation)  | 2   |      | 2   |       |       |     |       |         |         | 0      | 0             |
| Obs4 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs5 (flow during saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs5 (flow out of saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs6 (flow during saturation)  | 5   |      | 1   |       |       |     |       |         |         | 6      | 6             |
| Obs7 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs7 (flow out of saturation)  | 2   |      | 2   |       |       |     |       |         |         | 4      | 4             |
| Obs8 (flow during saturation)  | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs8 (flow out of saturation)  | 1   |      |     |       |       | 1   |       |         |         | 2      | 2             |
| Obs9 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs9 (flow out of saturation)  | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs10 (flow during saturation) | 2   |      | 2   | 1     |       |     |       |         |         | 5      | 5             |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow out of saturation) | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs12 (flow during saturation) | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs12 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|      |      |      |      |      |      |      |      |      |      |      |      |

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |         |
|------------------|---------|
| Average Sat Flow | #DIV/0! |
| Average DCS      | #DIV/0! |
| Sat Flow Obs     | 0       |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 30.92              | 30.92                        | 65.33              | 4.50         | 248.0                        |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
D - N Hyde Road (W) Eastbound  
1) - Kerbside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 08:00:16       | 08:01:19 | 08:02:21 | 08:03:29 | 08:04:36 | 08:05:40 | 08:06:53 | 08:07:54 | 08:08:56 | 08:09:58 | 08:11:06 | 08:12:11 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 08:00:29       | 08:01:47 | 08:02:38 | 08:03:49 | 08:04:53 | 08:05:55 | 08:07:07 | 08:08:11 | 08:09:16 | 08:10:14 | 08:11:31 | 08:12:23 |
| Amber                                              | 08:00:40       | 08:01:48 | 08:02:53 | 08:03:58 | 08:05:00 | 08:06:03 | 08:07:10 | 08:08:12 | 08:09:17 | 08:10:29 | 08:11:37 | 08:12:44 |
| Red                                                | 08:00:43       | 08:01:51 | 08:02:55 | 08:04:03 | 08:05:03 | 08:06:06 | 08:07:13 | 08:08:15 | 08:09:20 | 08:10:32 | 08:11:40 | 08:12:47 |
| Green                                              | 08:01:19       | 08:02:21 | 08:03:29 | 08:04:36 | 08:05:40 | 08:06:53 | 08:07:54 | 08:08:56 | 08:09:58 | 08:11:06 | 08:12:11 | 08:13:18 |
| Total                                              | 00:01:03       | 00:01:02 | 00:01:08 | 00:01:07 | 00:01:04 | 00:01:13 | 00:01:01 | 00:01:02 | 00:01:02 | 00:01:08 | 00:01:05 | 00:01:07 |
| Cycle Time (s)                                     | 63             | 62       | 68       | 67       | 64       | 73       | 61       | 62       | 62       | 68       | 65       | 67       |
| Green Time (s)                                     | 24             | 29       | 31       | 29       | 24       | 23       | 17       | 18       | 21       | 31       | 31       | 33       |
| Saturation Time (s)                                | 13             | 28       | 17       | 20       | 17       | 15       | 14       | 17       | 20       | 16       | 25       | 12       |
| Effective Green                                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)               | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|                   |   |    |    |    |    |   |   |   |   |    |    |    |
|-------------------|---|----|----|----|----|---|---|---|---|----|----|----|
| Saturated PCU     | 6 | 13 | 9  | 11 | 10 | 5 | 7 | 7 | 9 | 9  | 12 | 5  |
| Non-Saturated PCU | 2 | 0  | 2  | 1  | 3  | 2 | 0 | 0 | 0 | 7  | 0  | 5  |
| Cycle PCU         | 8 | 13 | 11 | 12 | 13 | 7 | 7 | 7 | 9 | 16 | 12 | 10 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 24.00 | 29.00 | 31.00 | 29.00 | 24.00 | 23.00 | 17.00 | 18.00 | 21.00 | 31.00 | 31.00 | 33.00 |
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |       |

|                       |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Sat Flow              | 1662 | 1671 | 1906 | 1980 | 2118 | 1200 | 1800 | 1482 | 1620 | 2025 | 1728 | 1500 |
| Use Sat Flow?         | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Free Flow Conditions? | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 3   |      | 3   |       |       |     |       |         |         | 6      | 6             |
| Obs1 (flow out of saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs2 (flow during saturation)  | 7   |      | 2   | 1     | 1     |     |       |         |         | 11     | 13            |
| Obs2 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs3 (flow during saturation)  | 4   |      | 1   | 1     |       | 1   |       |         |         | 7      | 9             |
| Obs3 (flow out of saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs4 (flow during saturation)  | 9   |      | 2   |       |       |     |       |         |         | 11     | 11            |
| Obs4 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs5 (flow during saturation)  | 8   |      |     |       |       | 1   |       |         |         | 9      | 10            |
| Obs5 (flow out of saturation)  |     |      |     | 2     |       |     |       |         |         | 2      | 3             |
| Obs6 (flow during saturation)  | 2   |      | 3   |       |       |     |       |         |         | 5      | 5             |
| Obs6 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs7 (flow during saturation)  | 6   |      | 1   |       |       |     |       |         |         | 7      | 7             |
| Obs7 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs8 (flow during saturation)  | 6   |      | 1   |       |       |     |       |         |         | 7      | 7             |
| Obs8 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs9 (flow during saturation)  | 8   |      | 1   |       |       |     |       |         |         | 9      | 9             |
| Obs9 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs10 (flow during saturation) | 7   |      | 2   |       |       |     |       |         |         | 9      | 9             |
| Obs10 (flow out of saturation) | 3   |      | 2   |       |       | 1   |       |         |         | 6      | 7             |
| Obs11 (flow during saturation) | 12  |      |     |       |       |     |       |         |         | 12     | 12            |
| Obs11 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs12 (flow during saturation) | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs12 (flow out of saturation) | 3   |      |     | 1     |       |     |       |         |         | 4      | 5             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |     |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0  |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1724   |
| Average DoS      | 83.91% |
| Sat Flow Obs     | 12     |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 25.92              | 25.92                        | 65.17              | 10.42        | 575.4                        |

5 - The Parkway/Hayes Road/N Hyde Road  
D - N Hyde Road (W) Eastbound  
2) Central

[illegible][illegible]

|                  |        |
|------------------|--------|
| Average Sat Flow | 1375   |
| Average DoS      | 53.05% |
| Sat Flow Obs     | 2      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 25.92              | 25.92                        | 65.17              | 5.25         | 290.0                        |



Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
D - N Hyde Road (W) Eastbound  
3) Outside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    |
| Start of Green                                     | 08:00:18       | 08:01:19 | 08:02:21 | 08:03:29 | 08:04:36 | 08:05:40 | 08:06:53 | 08:07:54 | 08:08:56 | 08:09:58 | 08:11:06 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 08:00:21       | 08:01:21 | 08:02:21 | 08:03:30 | 08:04:36 | 08:05:43 | 08:06:53 | 08:07:59 | 08:09:04 | 08:10:06 | 08:11:11 |
| Amber                                              | 08:00:40       | 08:01:46 | 08:02:52 | 08:03:58 | 08:05:00 | 08:06:03 | 08:07:10 | 08:08:13 | 08:09:17 | 08:10:29 | 08:11:37 |
| Red                                                | 08:00:43       | 08:01:51 | 08:02:55 | 08:04:01 | 08:05:03 | 08:06:06 | 08:07:13 | 08:08:15 | 08:09:20 | 08:10:32 | 08:11:40 |
| Green                                              | 08:01:19       | 08:02:21 | 08:03:29 | 08:04:36 | 08:05:40 | 08:06:53 | 08:07:54 | 08:08:56 | 08:09:58 | 08:11:06 | 08:12:11 |
| Total                                              | 00:01:03       | 00:01:02 | 00:01:08 | 00:01:07 | 00:01:04 | 00:01:13 | 00:01:01 | 00:01:02 | 00:01:02 | 00:01:08 | 00:01:05 |
| Cycle Time (s)                                     | 63             | 62       | 68       | 67       | 64       | 73       | 61       | 62       | 62       | 68       | 65       |
| Green Time (s)                                     | 24             | 29       | 31       | 29       | 24       | 23       | 17       | 18       | 21       | 31       | 31       |
| Saturation Time (s)                                | 5              | 2        | 0        | 1        | 0        | 3        | 0        | 5        | 6        | 8        | 5        |
| Effective Green                                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Gr                   | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|                   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|
| Saturated PCU     | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 2 | 2 | 2 |
| Non-Saturated PCU | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Cycle PCU         | 3 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 2 | 2 | 1 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 24.00 | 29.00 | 31.00 | 29.00 | 24.00 | 23.00 | 17.00 | 18.00 | 21.00 | 31.00 | 33.00 |
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |
| Sat Flow                                                    | 1440  | 1800  | 0     | 3600  | 0     | 1200  | 0     | 720   | 900   | 900   | 1440  |
| Use Sat Flow?                                               | No    | No    | No    | No    | No    | No    | No    | No    | No    | No    | No    |
| Free Flow Conditions?                                       | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  |     |      |     |       |       |     |       | 1       |         | 1      | 2             |
| Obs1 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 3             |
| Obs2 (flow during saturation)  |     |      | 1   |       |       |     |       |         |         | 1      | 1             |
| Obs2 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs3 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs3 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs4 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs4 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs5 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs5 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs6 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs6 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs7 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs7 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs8 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs8 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs9 (flow during saturation)  |     |      |     | 1     |       |     |       |         |         | 1      | 2             |
| Obs9 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs10 (flow during saturation) |     |      |     |       | 1     |     |       |         |         | 1      | 2             |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow during saturation) | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs11 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs12 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs12 (flow out of saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |

|          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|      |      |      |      |      |      |      |      |      |      |      |
|      |      |      |      |      |      |      |      |      |      |      |
|      |      |      |      |      |      |      |      |      |      |      |
|      |      |      |      |      |      |      |      |      |      |      |
|      |      |      |      |      |      |      |      |      |      |      |

|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No |

|                  |         |
|------------------|---------|
| Average Sat Flow | #DIV/0! |
| Average DoS      | #DIV/0! |
| Sat Flow Obs     | 0       |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU/Total (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|-------------------------------|
| 12  | 25.92              | 25.92                        | 65.17              | 1.17         | 64.5                          |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
D - INTERNAL Northbound  
1) - Kerbside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 08:00:48       | 08:01:59 | 08:02:59 | 08:04:06 | 08:05:08 | 08:06:10 | 08:07:18 | 08:08:19 | 08:09:24 | 08:10:36 | 08:11:44 | 08:12:50 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 08:00:56       | 08:02:01 | 08:03:04 | 08:04:15 | 08:05:19 | 08:06:23 | 08:07:20 | 08:08:21 | 08:09:27 | 08:10:44 | 08:11:50 | 08:12:52 |
| Amber                                              | 08:01:16       | 08:02:18 | 08:03:26 | 08:04:32 | 08:05:38 | 08:06:50 | 08:07:51 | 08:08:52 | 08:09:56 | 08:11:03 | 08:12:09 | 08:13:16 |
| Red                                                | 08:01:19       | 08:02:21 | 08:03:29 | 08:04:35 | 08:05:41 | 08:06:53 | 08:07:54 | 08:08:55 | 08:09:59 | 08:11:06 | 08:12:12 | 08:13:19 |
| Green                                              | 08:01:55       | 08:02:59 | 08:04:06 | 08:05:08 | 08:06:10 | 08:07:18 | 08:08:19 | 08:09:24 | 08:10:36 | 08:11:44 | 08:12:50 | 08:13:53 |

|                                      |          |          |          |          |          |          |          |          |          |          |          |          |
|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Total                                | 00:01:07 | 00:01:04 | 00:01:07 | 00:01:02 | 00:01:02 | 00:01:08 | 00:01:01 | 00:01:05 | 00:01:12 | 00:01:08 | 00:01:06 | 00:01:03 |
| Cycle Time (s)                       | 67       | 64       | 67       | 62       | 62       | 68       | 61       | 65       | 72       | 68       | 66       | 63       |
| Green Time (s)                       | 28       | 23       | 27       | 26       | 30       | 40       | 33       | 33       | 32       | 27       | 25       | 26       |
| Saturation Time (s)                  | 8        | 6        | 5        | 9        | 11       | 13       | 2        | 2        | 3        | 8        | 6        | 2        |
| Effective Green                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|                   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| Saturated PCU     | 2 | 5 | 3 | 5 | 5 | 7 | 2 | 2 | 2 | 7 | 5 | 3 |
| Non-Saturated PCU | 3 | 3 | 5 | 0 | 3 | 2 | 5 | 7 | 1 | 2 | 4 | 2 |
| Cycle PCU         | 5 | 8 | 8 | 5 | 8 | 9 | 7 | 9 | 3 | 9 | 9 | 5 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 28.00 | 23.00 | 27.00 | 26.00 | 30.00 | 40.00 | 33.00 | 33.00 | 32.00 | 27.00 | 25.00 | 26.00 |
| Cycle PCU                                                   | 6.00  |       |       |       |       |       |       |       |       |       |       |       |

|                       |     |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------|-----|------|------|------|------|------|------|------|------|------|------|------|
| Sat Flow              | 900 | 3000 | 2160 | 2000 | 1636 | 1938 | 3600 | 3600 | 2400 | 3150 | 3000 | 5400 |
| Use Sat Flow?         | No  | No   | No   | No   | Yes  | Yes  | No   | No   | No   | No   | No   | No   |
| Free Flow Conditions? | Yes | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  |     |      |     |       | 1     |     |       |        |        | 1      | 2             |
| Obs1 (flow out of saturation)  | 2   |      | 1   |       |       |     |       |        |        | 3      | 3             |
| Obs2 (flow during saturation)  | 3   |      |     | 1     |       |     |       |        |        | 4      | 5             |
| Obs2 (flow out of saturation)  | 2   |      | 1   |       |       |     |       |        |        | 3      | 3             |
| Obs3 (flow during saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs3 (flow out of saturation)  | 4   |      | 1   |       |       |     |       |        |        | 5      | 5             |
| Obs4 (flow during saturation)  | 3   |      |     | 1     |       |     |       |        |        | 4      | 5             |
| Obs4 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs5 (flow during saturation)  | 2   |      | 1   |       | 1     |     |       |        |        | 4      | 5             |
| Obs5 (flow out of saturation)  | 1   |      |     | 1     |       |     |       |        |        | 2      | 3             |
| Obs6 (flow during saturation)  | 5   |      |     | 1     |       |     |       |        |        | 6      | 7             |
| Obs6 (flow out of saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs7 (flow during saturation)  |     |      |     |       |       |     | 1     |        |        | 1      | 2             |
| Obs7 (flow out of saturation)  | 4   |      | 1   |       |       |     |       |        |        | 5      | 5             |
| Obs8 (flow during saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs8 (flow out of saturation)  | 4   |      | 1   |       | 1     |     |       |        |        | 6      | 7             |
| Obs9 (flow during saturation)  | 1   |      | 1   |       |       |     |       |        |        | 2      | 2             |
| Obs9 (flow out of saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs10 (flow during saturation) | 4   |      | 1   | 1     |       |     |       |        |        | 6      | 7             |
| Obs10 (flow out of saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs11 (flow during saturation) | 2   |      | 1   |       |       |     | 1     |        |        | 4      | 5             |
| Obs11 (flow out of saturation) | 3   |      | 1   |       |       |     |       |        |        | 4      | 4             |
| Obs12 (flow during saturation) | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs12 (flow out of saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 8 | 0 | 0 | 8 | 8 | 8 | 8 | 8 | 8 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1787   |
| Average DoS      | 48.81% |
| Sat Flow Obs     | 2      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 29.17              | 29.17                        | 65.42              | 7.08         | 399.8                        |

Site  
Approach  
Lane

5 - The ParkwayHayes Road/N Hyde Road  
D - INTERNAL Northbound  
2) Central 1

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 08:00:48       | 08:01:55 | 08:02:59 | 08:04:06 | 08:05:08 | 08:06:10 | 08:07:18 | 08:08:19 | 08:09:24 | 08:10:36 | 08:11:44 | 08:12:50 |
| Time at start of full demand if different to green          |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                               | 08:00:54       | 08:02:09 | 08:03:10 | 08:04:20 | 08:05:30 | 08:06:23 | 08:07:22 | 08:08:21 | 08:09:26 | 08:10:45 | 08:11:49 | 08:13:05 |
| Amber                                                       | 08:01:16       | 08:02:18 | 08:03:26 | 08:04:32 | 08:05:38 | 08:06:50 | 08:07:51 | 08:08:52 | 08:09:56 | 08:11:03 | 08:12:09 | 08:13:15 |
| Red                                                         | 08:01:19       | 08:02:21 | 08:03:29 | 08:04:35 | 08:05:41 | 08:06:53 | 08:07:54 | 08:08:55 | 08:09:59 | 08:11:06 | 08:12:12 | 08:13:19 |
| Green                                                       | 08:01:55       | 08:02:59 | 08:04:06 | 08:05:08 | 08:06:10 | 08:07:18 | 08:08:19 | 08:09:24 | 08:10:36 | 08:11:44 | 08:12:50 | 08:13:53 |
| Total                                                       | 00:01:07       | 00:01:04 | 00:01:07 | 00:01:02 | 00:01:02 | 00:01:08 | 00:01:01 | 00:01:05 | 00:01:12 | 00:01:08 | 00:01:06 | 00:01:03 |
| Cycle Time (s)                                              | 67             | 64       | 67       | 62       | 62       | 68       | 61       | 65       | 72       | 68       | 66       | 63       |
| Green Time (s)                                              | 28             | 23       | 27       | 26       | 30       | 40       | 33       | 33       | 32       | 27       | 25       | 26       |
| Saturation Time (s)                                         | 6              | 14       | 11       | 14       | 22       | 13       | 4        | 2        | 2        | 9        | 5        | 15       |
| Effective Green                                             | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Waste)                               | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                               | 3              | 9        | 7        | 6        | 10       | 9        | 3        | 2        | 2        | 6        | 2        | 9        |
| Non-Saturated PCU                                           | 3              | 3        | 3        | 5        | 4        | 9        | 11       | 7        | 6        | 5        | 7        | 6        |
| Cycle PCU                                                   | 6              | 12       | 10       | 11       | 14       | 18       | 14       | 9        | 8        | 11       | 9        | 15       |
| Effective Green (insert number of additional seconds below) | 28.00          | 23.00    | 27.00    | 25.00    | 30.00    | 40.00    | 33.00    | 33.00    | 32.00    | 27.00    | 25.00    | 26.00    |
| Sat Flow                                                    | 1800           | 2314     | 2291     | 1543     | 1636     | 2492     | 2709     | 3609     | 3600     | 2400     | 1440     | 2160     |
| Use Sat Flow?                                               | No             | Yes      | No       | Yes      | Yes      | Yes      | No       | No       | No       | No       | No       | Yes      |
| Free Flow Conditions?                                       | Yes            | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | No       | Yes      | Yes      | Yes      |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  | 3   |      |     |       |       |     |       |        | 1      | 4      | 3             |
| Obs1 (flow out of saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs2 (flow during saturation)  | 6   |      | 1   | 1     |       |     |       |        |        | 8      | 9             |
| Obs2 (flow out of saturation)  | 2   |      | 1   |       |       |     |       |        |        | 3      | 3             |
| Obs3 (flow during saturation)  | 6   |      | 1   |       |       |     |       |        |        | 7      | 7             |
| Obs3 (flow out of saturation)  | 1   |      | 2   |       |       |     |       |        |        | 3      | 3             |
| Obs4 (flow during saturation)  | 1   |      | 3   |       | 1     |     |       |        |        | 5      | 6             |
| Obs4 (flow out of saturation)  | 5   |      |     |       |       |     |       |        |        | 5      | 5             |
| Obs5 (flow during saturation)  | 7   |      | 3   |       |       |     |       |        |        | 10     | 10            |
| Obs5 (flow out of saturation)  | 4   |      |     |       |       |     |       |        |        | 4      | 4             |
| Obs6 (flow during saturation)  | 9   |      |     |       |       |     |       |        |        | 9      | 9             |
| Obs6 (flow out of saturation)  | 7   |      |     | 1     |       |     |       |        |        | 8      | 9             |
| Obs7 (flow during saturation)  | 2   |      | 1   |       |       |     |       |        |        | 3      | 3             |
| Obs7 (flow out of saturation)  | 8   |      | 3   |       |       |     |       |        |        | 11     | 11            |
| Obs8 (flow during saturation)  |     |      | 2   |       |       |     |       |        |        | 2      | 2             |
| Obs8 (flow out of saturation)  | 6   |      | 1   |       |       |     |       |        |        | 7      | 7             |
| Obs9 (flow during saturation)  | 2   |      | 1   |       |       |     |       |        |        | 2      | 2             |
| Obs9 (flow out of saturation)  | 3   |      | 1   | 1     |       |     |       |        |        | 5      | 6             |
| Obs10 (flow during saturation) | 2   | 1    | 1   | 1     |       |     |       |        | 1      | 6      | 6             |
| Obs10 (flow out of saturation) | 2   |      | 1   | 1     |       |     |       |        | 1      | 5      | 5             |
| Obs11 (flow during saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs11 (flow out of saturation) | 4   |      | 1   | 1     |       |     |       |        |        | 6      | 7             |
| Obs12 (flow during saturation) | 7   |      | 2   |       |       |     |       |        |        | 9      | 9             |
| Obs12 (flow out of saturation) | 4   |      | 2   |       |       |     |       |        |        | 6      | 6             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:05:00 | 00:06:00 | 00:06:00 | 00:06:00 | 00:06:00 | 00:06:00 | 00:06:00 | 00:06:00 | 00:06:00 | 00:06:00 | 00:06:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

|                  |        |
|------------------|--------|
| Average Sat Flow | 2029   |
| Average DoS      | 69.44% |
| Sat Flow Obs     | 5      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 29.17              | 29.17                        | 65.42              | 11.42        | 626.3                        |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
D - INTERNAL Northbound  
3) Central 2

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 08:00:48       | 08:01:55 | 08:02:59 | 08:04:06 | 08:05:08 | 08:06:10 | 08:07:18 | 08:08:19 | 08:09:24 | 08:10:36 | 08:11:44 | 08:12:50 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 08:00:53       | 08:02:10 | 08:03:03 | 08:04:13 | 08:05:22 | 08:06:30 | 08:07:38 | 08:08:25 | 08:09:36 | 08:10:47 | 08:11:52 | 08:13:07 |
| Amber                                              | 08:01:16       | 08:02:18 | 08:03:26 | 08:04:32 | 08:05:38 | 08:06:50 | 08:07:51 | 08:08:52 | 08:09:56 | 08:11:03 | 08:12:09 | 08:13:16 |
| Red                                                | 08:01:19       | 08:02:21 | 08:03:29 | 08:04:35 | 08:05:41 | 08:06:53 | 08:07:54 | 08:08:55 | 08:09:59 | 08:11:06 | 08:12:12 | 08:13:19 |
| Green                                              | 08:01:55       | 08:02:59 | 08:04:06 | 08:05:08 | 08:06:10 | 08:07:18 | 08:08:19 | 08:09:24 | 08:10:36 | 08:11:44 | 08:12:50 | 08:13:53 |

|                              |          |          |          |          |          |          |          |          |          |          |          |          |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Total                        | 00:01:07 | 00:01:04 | 00:01:07 | 00:01:02 | 00:01:02 | 00:01:08 | 00:01:01 | 00:01:05 | 00:01:12 | 00:01:08 | 00:01:06 | 00:01:03 |
| Cycle Time (s)               | 67       | 64       | 67       | 62       | 62       | 68       | 61       | 65       | 72       | 68       | 66       | 63       |
| Green Time (s)               | 28       | 23       | 27       | 26       | 30       | 40       | 33       | 33       | 32       | 27       | 25       | 26       |
| Saturation Time (s)          | 5        | 15       | 4        | 7        | 14       | 20       | 20       | 6        | 12       | 11       | 8        | 17       |
| Effective Green              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (West) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|                   |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|
| Saturated PCU     | 4  | 10 | 4  | 4  | 10 | 11 | 15 | 4  | 8  | 11 | 4  | 9  |
| Non-Saturated PCU | 7  | 3  | 9  | 8  | 8  | 7  | 2  | 9  | 4  | 7  | 8  | 4  |
| Cycle PCU         | 11 | 13 | 13 | 12 | 18 | 18 | 17 | 13 | 13 | 18 | 12 | 13 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 28.00 | 23.00 | 27.00 | 26.00 | 30.00 | 40.00 | 33.00 | 33.00 | 32.00 | 27.00 | 25.00 | 26.00 |
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |       |

|                       |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Sat Flow              | 2880 | 2400 | 3600 | 2057 | 2571 | 1980 | 2700 | 2400 | 2700 | 3600 | 1800 | 1906 |
| Use Sat Flow?         | No   | Yes  | No   | No   | Yes  | Yes  | Yes  | No   | Yes  | Yes  | No   | Yes  |
| Free Flow Conditions? | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 2   |      |     | 1     |       |     |       |         |         | 3      | 4             |
| Obs1 (flow out of saturation)  | 6   |      | 1   |       |       |     |       |         |         | 7      | 7             |
| Obs2 (flow during saturation)  | 7   |      | 1   | 1     |       |     |       |         |         | 9      | 10            |
| Obs2 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs3 (flow during saturation)  | 3   |      | 1   |       |       |     |       |         |         | 4      | 4             |
| Obs3 (flow out of saturation)  | 8   |      | 1   |       |       |     |       |         |         | 9      | 9             |
| Obs4 (flow during saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs4 (flow out of saturation)  | 6   |      | 2   |       |       |     |       |         |         | 8      | 8             |
| Obs5 (flow during saturation)  | 9   |      | 1   |       |       |     |       |         |         | 10     | 10            |
| Obs5 (flow out of saturation)  | 8   |      |     |       |       |     |       |         |         | 8      | 8             |
| Obs6 (flow during saturation)  | 9   |      | 2   |       |       |     |       |         |         | 11     | 11            |
| Obs6 (flow out of saturation)  | 5   |      | 2   |       |       |     |       |         |         | 7      | 7             |
| Obs7 (flow during saturation)  | 13  |      | 2   |       |       |     |       |         |         | 15     | 15            |
| Obs7 (flow out of saturation)  | 3   |      | 2   |       |       |     |       |         |         | 5      | 5             |
| Obs8 (flow during saturation)  | 3   |      | 1   |       |       |     |       |         |         | 4      | 4             |
| Obs8 (flow out of saturation)  | 4   |      | 3   |       |       | 1   |       |         |         | 8      | 9             |
| Obs9 (flow during saturation)  | 7   |      | 2   |       |       |     |       |         |         | 9      | 9             |
| Obs9 (flow out of saturation)  | 3   |      | 1   |       |       |     |       |         |         | 4      | 4             |
| Obs10 (flow during saturation) | 9   |      | 2   |       |       |     |       |         |         | 11     | 11            |
| Obs10 (flow out of saturation) | 7   |      |     |       |       |     |       |         |         | 7      | 7             |
| Obs11 (flow during saturation) | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs11 (flow out of saturation) | 6   |      | 2   |       |       |     |       |         |         | 8      | 8             |
| Obs12 (flow during saturation) | 7   |      | 2   |       |       |     |       |         |         | 9      | 9             |
| Obs12 (flow out of saturation) | 3   |      | 1   |       |       |     |       |         |         | 4      | 4             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|      |      |      |      |      |      |      |      |      |      |      |      |

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |        |
|------------------|--------|
| Average Sat Flow | 2551   |
| Average DCS      | 68.95% |
| Sat Flow Obs     | 7      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 29.17              | 28.17                        | 65.42              | 14.25        | 784.2                        |

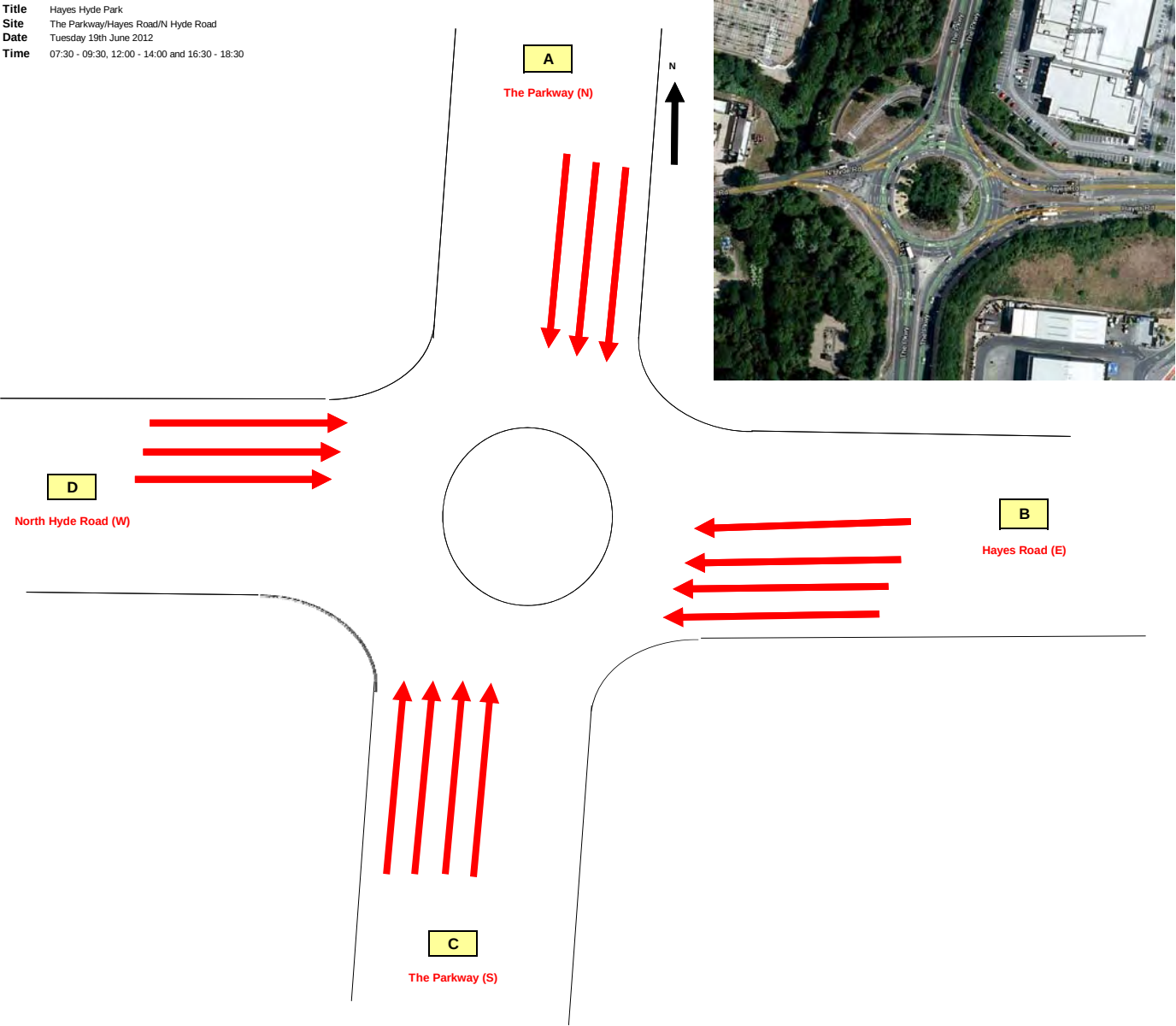
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|------------------|--------|
| Average Sat Flow | 2509   |
| Average DoS      | 34.74% |
| Sat Flow Obs     | 2      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 29.17              | 29.26                        | 65.42              | 7.08         | 389.8                        |

**Title** Hayes Hyde Park  
**Site** The Parkway/Hayes Road/N Hyde Road  
**Date** Tuesday 19th June 2012  
**Time** 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30



Title Hayes Hyde Park  
Site The Parkway/Hayes Road/N Hyde Road  
Date Tuesday 19th June 2012  
Time 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Time  | A - The Parkway (N) Kerbside Lane Southbound |        | A - The Parkway (N) Central Lane Southbound |        | A - The Parkway (N) Outside Lane Southbound |        | Comments                                                                               | A - The Parkway (N) Kerbside Lane Southbound |                                             |                                             |     |
|-------|----------------------------------------------|--------|---------------------------------------------|--------|---------------------------------------------|--------|----------------------------------------------------------------------------------------|----------------------------------------------|---------------------------------------------|---------------------------------------------|-----|
|       | Vehicles                                     | Metres | Vehicles                                    | Metres | Vehicles                                    | Metres |                                                                                        | A - The Parkway (N) Kerbside Lane Southbound | A - The Parkway (N) Central Lane Southbound | A - The Parkway (N) Outside Lane Southbound |     |
| 07:00 | 45                                           | 258.75 | 5                                           | 28.75  | 48                                          | 276    | After 50 - 60 vehicles a rolling queue forms in the region of 70 - 80 or more vehicles | Time                                         | Average length of maximum queue in metres   |                                             |     |
| 07:05 | 51                                           | 293.25 | 6                                           | 34.5   | 35                                          | 201.25 |                                                                                        | 07:00 - 07:15                                | 272                                         | 35                                          | 228 |
| 07:10 | 46                                           | 264.5  | 7                                           | 40.25  | 36                                          | 207    |                                                                                        | 07:15 - 07:30                                | 284                                         | 38                                          | 230 |
| 07:15 | 43                                           | 247.25 | 8                                           | 46     | 37                                          | 212.75 |                                                                                        | 07:30 - 07:45                                | 266                                         | 35                                          | 301 |
| 07:20 | 60                                           | 345    | 6                                           | 34.5   | 38                                          | 218.5  |                                                                                        | 07:45 - 08:00                                | 268                                         | 35                                          | 303 |
| 07:25 | 45                                           | 258.75 | 6                                           | 34.5   | 45                                          | 258.75 |                                                                                        | 07:00 - 08:00                                | 273                                         | 35                                          | 265 |
| 07:30 | 46                                           | 264.5  | 6                                           | 34.5   | 49                                          | 281.75 |                                                                                        | 08:00 - 08:15                                | 309                                         | 35                                          | 286 |
| 07:35 | 45                                           | 258.75 | 7                                           | 40.25  | 52                                          | 299    |                                                                                        | 08:15 - 08:30                                | 276                                         | 40                                          | 289 |
| 07:40 | 48                                           | 276    | 5                                           | 28.75  | 56                                          | 322    |                                                                                        | 08:30 - 08:45                                | 282                                         | 38                                          | 328 |
| 07:45 | 47                                           | 270.25 | 6                                           | 34.5   | 50                                          | 287.5  |                                                                                        | 08:45 - 09:00                                | 303                                         | 36                                          | 255 |
| 07:50 | 52                                           | 299    | 6                                           | 34.5   | 52                                          | 299    |                                                                                        | 08:00 - 09:00                                | 292                                         | 37                                          | 289 |
| 07:55 | 41                                           | 235.75 | 6                                           | 34.5   | 56                                          | 322    |                                                                                        | 09:00 - 09:15                                | 272                                         | 40                                          | 266 |
| 08:00 | 53                                           | 304.75 | 6                                           | 34.5   | 54                                          | 310.5  |                                                                                        | 09:15 - 09:30                                | 265                                         | 44                                          | 265 |
| 08:05 | 54                                           | 310.5  | 6                                           | 34.5   | 47                                          | 270.25 |                                                                                        | 09:30 - 09:45                                | 266                                         | 33                                          | 284 |
| 08:10 | 54                                           | 310.5  | 6                                           | 34.5   | 48                                          | 276    |                                                                                        | 09:45 - 10:00                                | 286                                         | 38                                          | 266 |
| 08:15 | 47                                           | 270.25 | 8                                           | 46     | 56                                          | 322    |                                                                                        | 09:00 - 10:00                                | 272                                         | 39                                          | 270 |
| 08:20 | 48                                           | 276    | 7                                           | 40.25  | 53                                          | 304.75 |                                                                                        | 12:00 - 12:15                                | 75                                          | 35                                          | 52  |
| 08:25 | 49                                           | 281.75 | 6                                           | 34.5   | 42                                          | 241.5  |                                                                                        | 12:15 - 12:30                                | 100                                         | 29                                          | 82  |
| 08:30 | 49                                           | 281.75 | 6                                           | 34.5   | 58                                          | 333.5  |                                                                                        | 12:30 - 12:45                                | 117                                         | 33                                          | 128 |
| 08:35 | 51                                           | 293.25 | 6                                           | 34.5   | 62                                          | 366.5  |                                                                                        | 12:45 - 13:00                                | 58                                          | 31                                          | 48  |
| 08:40 | 47                                           | 270.25 | 8                                           | 46     | 51                                          | 293.25 |                                                                                        | 12:00 - 13:00                                | 87                                          | 32                                          | 78  |
| 08:45 | 51                                           | 293.25 | 7                                           | 40.25  | 47                                          | 270.25 |                                                                                        | 13:00 - 13:15                                | 90                                          | 33                                          | 73  |
| 08:50 | 64                                           | 368    | 6                                           | 34.5   | 43                                          | 247.25 |                                                                                        | 13:15 - 13:30                                | 127                                         | 35                                          | 107 |
| 08:55 | 43                                           | 247.25 | 6                                           | 34.5   | 43                                          | 247.25 |                                                                                        | 13:30 - 13:45                                | 69                                          | 27                                          | 36  |
| 09:00 | 48                                           | 276    | 7                                           | 40.25  | 45                                          | 258.75 |                                                                                        | 13:45 - 14:00                                | 58                                          | 35                                          | 44  |
| 09:05 | 48                                           | 276    | 8                                           | 46     | 48                                          | 276    |                                                                                        | 13:00 - 14:00                                | 86                                          | 32                                          | 65  |
| 09:10 | 46                                           | 264.5  | 6                                           | 34.5   | 46                                          | 264.5  |                                                                                        | 16:00 - 16:15                                | 96                                          | 23                                          | 98  |
| 09:15 | 47                                           | 270.25 | 9                                           | 51.75  | 45                                          | 258.75 |                                                                                        | 16:15 - 16:30                                | 230                                         | 38                                          | 230 |
| 09:20 | 46                                           | 264.5  | 8                                           | 46     | 46                                          | 264.5  |                                                                                        | 16:30 - 16:45                                | 288                                         | 44                                          | 288 |
| 09:25 | 45                                           | 258.75 | 6                                           | 34.5   | 47                                          | 270.25 |                                                                                        | 16:45 - 17:00                                | 307                                         | 46                                          | 299 |
| 09:30 | 44                                           | 253    | 5                                           | 28.75  | 45                                          | 258.75 |                                                                                        | 16:00 - 17:00                                | 230                                         | 38                                          | 229 |
| 09:35 | 42                                           | 241.5  | 6                                           | 34.5   | 51                                          | 293.25 |                                                                                        | 17:00 - 17:15                                | 372                                         | 54                                          | 372 |
| 09:40 | 53                                           | 304.75 | 6                                           | 34.5   | 52                                          | 299    |                                                                                        | 17:15 - 17:30                                | 314                                         | 56                                          | 337 |
| 09:45 | 51                                           | 293.25 | 8                                           | 46     | 49                                          | 281.75 |                                                                                        | 17:30 - 17:45                                | 238                                         | 33                                          | 232 |
| 09:50 | 49                                           | 281.75 | 6                                           | 34.5   | 52                                          | 299    |                                                                                        | 17:45 - 18:00                                | 288                                         | 40                                          | 268 |
| 09:55 | 49                                           | 281.75 | 6                                           | 34.5   | 38                                          | 218.5  |                                                                                        | 17:00 - 18:00                                | 303                                         | 46                                          | 302 |
| 12:00 | 17                                           | 97.75  | 7                                           | 40.25  | 5                                           | 28.75  |                                                                                        | 18:00 - 18:15                                | 383                                         | 56                                          | 341 |
| 12:05 | 8                                            | 46     | 6                                           | 34.5   | 5                                           | 28.75  |                                                                                        | 18:15 - 18:30                                | 220                                         | 54                                          | 220 |
| 12:10 | 14                                           | 80.5   | 5                                           | 28.75  | 17                                          | 97.75  |                                                                                        | 18:30 - 18:45                                | 121                                         | 21                                          | 117 |
| 12:15 | 12                                           | 69     | 4                                           | 23     | 5                                           | 28.75  |                                                                                        | 18:45 - 19:00                                | 73                                          | 12                                          | 65  |
| 12:20 | 30                                           | 172.5  | 5                                           | 28.75  | 30                                          | 172.5  |                                                                                        | 18:00 - 19:00                                | 199                                         | 35                                          | 186 |
| 12:25 | 10                                           | 57.5   | 6                                           | 34.5   | 8                                           | 46     |                                                                                        |                                              |                                             |                                             |     |
| 12:30 | 14                                           | 80.5   | 6                                           | 34.5   | 14                                          | 80.5   |                                                                                        |                                              |                                             |                                             |     |
| 12:35 | 30                                           | 172.5  | 5                                           | 28.75  | 36                                          | 207    |                                                                                        |                                              |                                             |                                             |     |
| 12:40 | 17                                           | 97.75  | 6                                           | 34.5   | 17                                          | 97.75  |                                                                                        |                                              |                                             |                                             |     |
| 12:45 | 10                                           | 57.5   | 5                                           | 28.75  | 7                                           | 40.25  |                                                                                        |                                              |                                             |                                             |     |
| 12:50 | 5                                            | 28.75  | 5                                           | 28.75  | 8                                           | 46     |                                                                                        |                                              |                                             |                                             |     |
| 12:55 | 15                                           | 86.25  | 6                                           | 34.5   | 10                                          | 57.5   |                                                                                        |                                              |                                             |                                             |     |
| 13:00 | 8                                            | 46     | 6                                           | 34.5   | 12                                          | 69     |                                                                                        |                                              |                                             |                                             |     |
| 13:05 | 15                                           | 86.25  | 5                                           | 28.75  | 7                                           | 40.25  |                                                                                        |                                              |                                             |                                             |     |
| 13:10 | 24                                           | 138    | 6                                           | 34.5   | 19                                          | 109.25 |                                                                                        |                                              |                                             |                                             |     |
| 13:15 | 26                                           | 149.5  | 6                                           | 34.5   | 18                                          | 103.5  |                                                                                        |                                              |                                             |                                             |     |
| 13:20 | 26                                           | 149.5  | 6                                           | 34.5   | 24                                          | 138    |                                                                                        |                                              |                                             |                                             |     |
| 13:25 | 14                                           | 80.5   | 6                                           | 34.5   | 14                                          | 80.5   |                                                                                        |                                              |                                             |                                             |     |
| 13:30 | 12                                           | 69     | 5                                           | 28.75  | 4                                           | 23     |                                                                                        |                                              |                                             |                                             |     |
| 13:35 | 12                                           | 69     | 3                                           | 17.25  | 3                                           | 17.25  |                                                                                        |                                              |                                             |                                             |     |
| 13:40 | 12                                           | 69     | 6                                           | 34.5   | 12                                          | 69     |                                                                                        |                                              |                                             |                                             |     |
| 13:45 | 13                                           | 74.75  | 5                                           | 28.75  | 8                                           | 46     |                                                                                        |                                              |                                             |                                             |     |
| 13:50 | 8                                            | 46     | 5                                           | 28.75  | 6                                           | 34.5   |                                                                                        |                                              |                                             |                                             |     |
| 13:55 | 9                                            | 51.75  | 8                                           | 46     | 9                                           | 51.75  |                                                                                        |                                              |                                             |                                             |     |
| 16:00 | 8                                            | 46     | 3                                           | 17.25  | 10                                          | 57.5   |                                                                                        |                                              |                                             |                                             |     |
| 16:05 | 18                                           | 103.5  | 5                                           | 28.75  | 16                                          | 92     |                                                                                        |                                              |                                             |                                             |     |
| 16:10 | 24                                           | 138    | 4                                           | 23     | 25                                          | 143.75 |                                                                                        |                                              |                                             |                                             |     |
| 16:15 | 40                                           | 230    | 6                                           | 34.5   | 40                                          | 230    |                                                                                        |                                              |                                             |                                             |     |
| 16:20 | 32                                           | 184    | 6                                           | 34.5   | 32                                          | 184    |                                                                                        |                                              |                                             |                                             |     |
| 16:25 | 48                                           | 276    | 8                                           | 46     | 48                                          | 276    |                                                                                        |                                              |                                             |                                             |     |
| 16:30 | 50                                           | 287.5  | 8                                           | 46     | 50                                          | 287.5  |                                                                                        |                                              |                                             |                                             |     |
| 16:35 | 50                                           | 287.5  | 10                                          | 57.5   | 50                                          | 287.5  |                                                                                        |                                              |                                             |                                             |     |
| 16:40 | 50                                           | 287.5  | 5                                           | 28.75  | 50                                          | 287.5  |                                                                                        |                                              |                                             |                                             |     |
| 16:45 | 50                                           | 287.5  | 6                                           | 34.5   | 50                                          | 287.5  |                                                                                        |                                              |                                             |                                             |     |
| 16:50 | 50                                           | 287.5  | 8                                           | 46     | 56                                          | 322    |                                                                                        |                                              |                                             |                                             |     |
| 16:55 | 60                                           | 345    | 10                                          | 57.5   | 50                                          | 287.5  |                                                                                        |                                              |                                             |                                             |     |
| 17:00 | 70                                           | 402.5  | 7                                           | 40.25  | 70                                          | 402.5  |                                                                                        |                                              |                                             |                                             |     |
| 17:05 | 60                                           | 345    | 9                                           | 51.75  | 60                                          | 345    |                                                                                        |                                              |                                             |                                             |     |
| 17:10 | 64                                           | 368    | 12                                          | 69     | 64                                          | 368    |                                                                                        |                                              |                                             |                                             |     |
| 17:15 | 50                                           | 287.5  | 11                                          | 63.25  | 56                                          | 322    |                                                                                        |                                              |                                             |                                             |     |
| 17:20 | 50                                           | 287.5  | 10                                          | 57.5   | 56                                          | 322    |                                                                                        |                                              |                                             |                                             |     |
| 17:25 | 64                                           | 368    | 8                                           | 46     | 64                                          | 368    |                                                                                        |                                              |                                             |                                             |     |
| 17:30 | 56                                           | 322    | 6                                           | 34.5   | 56                                          | 322    |                                                                                        |                                              |                                             |                                             |     |
| 17:35 | 38                                           | 218.5  | 6                                           | 34.5   | 40                                          | 230    |                                                                                        |                                              |                                             |                                             |     |
| 17:40 | 30                                           | 172.5  | 5                                           | 28.75  | 25                                          | 143.75 |                                                                                        |                                              |                                             |                                             |     |
| 17:45 | 50                                           | 287.5  | 6                                           | 34.5   | 50                                          | 287.5  |                                                                                        |                                              |                                             |                                             |     |
| 17:50 | 50                                           | 287.5  | 8                                           | 46     | 40                                          | 230    |                                                                                        |                                              |                                             |                                             |     |
| 17:55 | 50                                           | 287.5  | 7                                           | 40.25  | 50                                          | 287.5  |                                                                                        |                                              |                                             |                                             |     |
| 18:00 | 60                                           | 345    | 10                                          | 57.5   | 60                                          | 345    |                                                                                        |                                              |                                             |                                             |     |
| 18:05 | 70                                           | 402.5  | 9                                           | 51.75  | 70                                          | 402.5  |                                                                                        |                                              |                                             |                                             |     |
| 18:10 | 70                                           | 402.5  | 10                                          | 57.5   | 48                                          | 276    |                                                                                        |                                              |                                             |                                             |     |
| 18:15 | 50                                           | 287.5  | 12                                          | 69     | 50                                          | 287.5  |                                                                                        |                                              |                                             |                                             |     |
| 18:20 | 40                                           | 230    | 10                                          | 57.5   | 40                                          | 230    |                                                                                        |                                              |                                             |                                             |     |
| 18:25 | 25                                           | 143.75 | 6                                           | 34.5   | 25                                          | 143.75 |                                                                                        |                                              |                                             |                                             |     |
| 18:30 | 25                                           | 143.75 | 3                                           | 17.25  | 25                                          | 143.75 |                                                                                        |                                              |                                             |                                             |     |
| 18:35 | 18                                           | 103.5  | 4                                           | 23     | 16                                          | 92     |                                                                                        |                                              |                                             |                                             |     |
| 18:40 | 20                                           | 115    | 4                                           | 23     | 20                                          | 115    |                                                                                        |                                              |                                             |                                             |     |
| 18:45 | 10                                           | 57.5   | 2                                           | 11.5   | 14                                          | 80.5   |                                                                                        |                                              |                                             |                                             |     |
| 18:50 | 16                                           | 92     | 2                                           | 11.5   | 10                                          | 57.5   |                                                                                        |                                              |                                             |                                             |     |
| 18:55 | 12                                           | 69     | 2                                           | 11.5   | 10                                          | 57.5   |                                                                                        |                                              |                                             |                                             |     |

Title  
Size  
Date  
Time

Hayes Hyde Park  
The Parkway-Hayes Road/N Hyde Road  
Tuesday 19th June 2012  
07:30 - 08:30, 12:00 - 14:00 and 16:30 - 18:30

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| Time  | Vehicles                                     | Metres | Vehicles                                      | Metres | Vehicles                                      | Metres | Vehicles                                    | Metres | Comments      | Time          | Average length of maximum queue in metres |                                              |                                               |                                               |                                             |
| 07:00 | 2                                            | 11.5   | 2                                             | 11.5   | 2                                             | 11.5   | 0                                           | 0      |               | 07:00 - 07:15 | 15                                        | 12                                           | 13                                            | 6                                             |                                             |
| 07:05 | 3                                            | 17.25  | 2                                             | 11.5   | 3                                             | 17.25  | 2                                           | 11.5   | 07:15 - 07:30 | 42            | 42                                        | 36                                           | 0                                             |                                               |                                             |
| 07:10 | 3                                            | 17.25  | 2                                             | 11.5   | 2                                             | 11.5   | 1                                           | 5.75   | 07:30 - 07:45 | 23            | 52                                        | 33                                           | 23                                            |                                               |                                             |
| 07:15 | 4                                            | 23     | 3                                             | 17.25  | 2                                             | 11.5   | 0                                           | 0      | 07:45 - 08:00 | 40            | 40                                        | 44                                           | 12                                            |                                               |                                             |
| 07:20 | 10                                           | 57.5   | 13                                            | 74.75  | 12                                            | 69     | 0                                           | 0      | 08:00 - 08:00 | 30            | 36                                        | 32                                           | 10                                            |                                               |                                             |
| 07:25 | 8                                            | 46     | 6                                             | 34.5   | 5                                             | 28.75  | 0                                           | 0      | 08:00 - 08:15 | 25            | 40                                        | 23                                           | 10                                            |                                               |                                             |
| 07:30 | 7                                            | 40.25  | 9                                             | 51.75  | 6                                             | 34.5   | 6                                           | 34.5   | 08:15 - 08:30 | 50            | 86                                        | 40                                           | 4                                             |                                               |                                             |
| 07:35 | 1                                            | 5.75   | 12                                            | 69     | 5                                             | 28.75  | 6                                           | 34.5   | 08:30 - 08:45 | 25            | 44                                        | 48                                           | 10                                            |                                               |                                             |
| 07:40 | 4                                            | 23     | 6                                             | 34.5   | 6                                             | 34.5   | 0                                           | 0      | 08:45 - 09:00 | 40            | 59                                        | 61                                           | 31                                            |                                               |                                             |
| 07:45 | 6                                            | 34.5   | 6                                             | 34.5   | 7                                             | 40.25  | 1                                           | 5.75   | 08:00 - 09:00 | 35            | 58                                        | 43                                           | 13                                            |                                               |                                             |
| 07:50 | 7                                            | 40.25  | 3                                             | 17.25  | 4                                             | 23     | 2                                           | 11.5   | 09:00 - 09:15 | 35            | 58                                        | 58                                           | 25                                            |                                               |                                             |
| 07:55 | 8                                            | 46     | 12                                            | 69     | 12                                            | 69     | 3                                           | 17.25  | 09:15 - 09:30 | 25            | 36                                        | 15                                           | 10                                            |                                               |                                             |
| 08:00 | 2                                            | 11.5   | 5                                             | 28.75  | 4                                             | 23     | 2                                           | 11.5   | 09:30 - 09:45 | 25            | 36                                        | 29                                           | 17                                            |                                               |                                             |
| 08:05 | 4                                            | 23     | 12                                            | 69     | 5                                             | 28.75  | 2                                           | 11.5   | 09:45 - 10:00 | 31            | 38                                        | 29                                           | 13                                            |                                               |                                             |
| 08:10 | 7                                            | 40.25  | 4                                             | 23     | 3                                             | 17.25  | 1                                           | 5.75   | 09:00 - 10:00 | 29            | 42                                        | 33                                           | 16                                            |                                               |                                             |
| 08:15 | 6                                            | 34.5   | 17                                            | 97.75  | 6                                             | 34.5   | 0                                           | 0      | 12:00 - 12:15 | 25            | 42                                        | 10                                           | 6                                             |                                               |                                             |
| 08:20 | 10                                           | 57.5   | 16                                            | 92     | 7                                             | 40.25  | 1                                           | 5.75   | 12:15 - 12:30 | 33            | 35                                        | 21                                           | 13                                            |                                               |                                             |
| 08:25 | 10                                           | 57.5   | 12                                            | 69     | 8                                             | 46     | 1                                           | 5.75   | 12:30 - 12:45 | 29            | 40                                        | 42                                           | 12                                            |                                               |                                             |
| 08:30 | 7                                            | 40.25  | 7                                             | 40.25  | 9                                             | 51.75  | 2                                           | 11.5   | 12:45 - 13:00 | 38            | 42                                        | 27                                           | 8                                             |                                               |                                             |
| 08:35 | 4                                            | 23     | 10                                            | 57.5   | 13                                            | 74.75  | 2                                           | 11.5   | 12:00 - 13:00 | 31            | 40                                        | 25                                           | 10                                            |                                               |                                             |
| 08:40 | 2                                            | 11.5   | 6                                             | 34.5   | 3                                             | 17.25  | 1                                           | 5.75   | 13:00 - 13:15 | 46            | 54                                        | 48                                           | 19                                            |                                               |                                             |
| 08:45 | 6                                            | 34.5   | 5                                             | 28.75  | 5                                             | 28.75  | 2                                           | 11.5   | 13:15 - 13:30 | 40            | 42                                        | 44                                           | 6                                             |                                               |                                             |
| 08:50 | 9                                            | 51.75  | 8                                             | 46     | 8                                             | 46     | 12                                          | 69     | 13:30 - 13:45 | 25            | 40                                        | 42                                           | 8                                             |                                               |                                             |
| 08:55 | 6                                            | 34.5   | 18                                            | 103.5  | 19                                            | 109.25 | 2                                           | 11.5   | 13:45 - 14:00 | 25            | 21                                        | 33                                           | 13                                            |                                               |                                             |
| 09:00 | 5                                            | 28.75  | 12                                            | 69     | 7                                             | 40.25  | 5                                           | 28.75  | 13:00 - 14:00 | 34            | 39                                        | 42                                           | 12                                            |                                               |                                             |
| 09:05 | 4                                            | 23     | 12                                            | 69     | 12                                            | 69     | 2                                           | 11.5   | 16:00 - 16:15 | 19            | 48                                        | 44                                           | 15                                            |                                               |                                             |
| 09:10 | 9                                            | 51.75  | 6                                             | 34.5   | 11                                            | 63.25  | 6                                           | 34.5   | 16:15 - 16:30 | 35            | 36                                        | 48                                           | 10                                            |                                               |                                             |
| 09:15 | 3                                            | 17.25  | 11                                            | 63.25  | 4                                             | 23     | 3                                           | 17.25  | 16:30 - 16:45 | 52            | 63                                        | 67                                           | 8                                             |                                               |                                             |
| 09:20 | 7                                            | 40.25  | 4                                             | 23     | 2                                             | 11.5   | 1                                           | 5.75   | 16:45 - 17:00 | 27            | 46                                        | 46                                           | 8                                             |                                               |                                             |
| 09:25 | 3                                            | 17.25  | 4                                             | 23     | 2                                             | 11.5   | 1                                           | 5.75   | 16:00 - 17:00 | 33            | 48                                        | 51                                           | 10                                            |                                               |                                             |
| 09:30 | 5                                            | 28.75  | 7                                             | 40.25  | 4                                             | 23     | 1                                           | 5.75   | 17:00 - 17:15 | 19            | 40                                        | 42                                           | 12                                            |                                               |                                             |
| 09:35 | 4                                            | 23     | 5                                             | 28.75  | 4                                             | 23     | 1                                           | 5.75   | 17:15 - 17:30 | 23            | 46                                        | 38                                           | 19                                            |                                               |                                             |
| 09:40 | 4                                            | 23     | 7                                             | 40.25  | 7                                             | 40.25  | 7                                           | 40.25  | 17:30 - 17:45 | 29            | 33                                        | 31                                           | 12                                            |                                               |                                             |
| 09:45 | 7                                            | 40.25  | 8                                             | 46     | 8                                             | 46     | 2                                           | 11.5   | 17:45 - 18:00 | 17            | 56                                        | 42                                           | 25                                            |                                               |                                             |
| 09:50 | 3                                            | 17.25  | 5                                             | 28.75  | 3                                             | 17.25  | 3                                           | 17.25  | 17:00 - 18:00 | 22            | 44                                        | 38                                           | 17                                            |                                               |                                             |
| 09:55 | 6                                            | 34.5   | 7                                             | 40.25  | 4                                             | 23     | 2                                           | 11.5   | 18:00 - 18:15 | 31            | 44                                        | 46                                           | 17                                            |                                               |                                             |
| 12:00 | 1                                            | 5.75   | 10                                            | 57.5   | 2                                             | 11.5   | 1                                           | 5.75   | 18:15 - 18:30 | 27            | 46                                        | 52                                           | 15                                            |                                               |                                             |
| 12:05 | 9                                            | 51.75  | 9                                             | 51.75  | 2                                             | 11.5   | 1                                           | 5.75   | 18:30 - 18:45 | 33            | 46                                        | 31                                           | 8                                             |                                               |                                             |
| 12:10 | 3                                            | 17.25  | 3                                             | 17.25  | 1                                             | 5.75   | 1                                           | 5.75   | 18:45 - 19:00 | 27            | 44                                        | 46                                           | 21                                            |                                               |                                             |
| 12:15 | 10                                           | 57.5   | 4                                             | 23     | 3                                             | 17.25  | 1                                           | 5.75   | 18:00 - 19:00 | 29            | 45                                        | 44                                           | 15                                            |                                               |                                             |
| 12:20 | 6                                            | 34.5   | 10                                            | 57.5   | 6                                             | 34.5   | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 12:25 | 1                                            | 5.75   | 4                                             | 23     | 2                                             | 11.5   | 5                                           | 28.75  |               |               |                                           |                                              |                                               |                                               |                                             |
| 12:30 | 5                                            | 28.75  | 8                                             | 46     | 8                                             | 46     | 2                                           | 11.5   |               |               |                                           |                                              |                                               |                                               |                                             |
| 12:35 | 3                                            | 17.25  | 5                                             | 28.75  | 7                                             | 40.25  | 2                                           | 11.5   |               |               |                                           |                                              |                                               |                                               |                                             |
| 12:40 | 7                                            | 40.25  | 8                                             | 46     | 7                                             | 40.25  | 2                                           | 11.5   |               |               |                                           |                                              |                                               |                                               |                                             |
| 12:45 | 11                                           | 63.25  | 7                                             | 40.25  | 4                                             | 23     | 3                                           | 17.25  |               |               |                                           |                                              |                                               |                                               |                                             |
| 12:50 | 4                                            | 23     | 8                                             | 46     | 3                                             | 17.25  | 0                                           | 0      |               |               |                                           |                                              |                                               |                                               |                                             |
| 12:55 | 5                                            | 28.75  | 7                                             | 40.25  | 7                                             | 40.25  | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 13:00 | 9                                            | 51.75  | 8                                             | 46     | 9                                             | 51.75  | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 13:05 | 5                                            | 28.75  | 11                                            | 63.25  | 6                                             | 34.5   | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 13:10 | 10                                           | 57.5   | 9                                             | 51.75  | 10                                            | 57.5   | 8                                           | 46     |               |               |                                           |                                              |                                               |                                               |                                             |
| 13:15 | 4                                            | 23     | 9                                             | 51.75  | 9                                             | 51.75  | 0                                           | 0      |               |               |                                           |                                              |                                               |                                               |                                             |
| 13:20 | 8                                            | 46     | 3                                             | 17.25  | 4                                             | 23     | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 13:25 | 9                                            | 51.75  | 10                                            | 57.5   | 10                                            | 57.5   | 2                                           | 11.5   |               |               |                                           |                                              |                                               |                                               |                                             |
| 13:30 | 7                                            | 40.25  | 11                                            | 63.25  | 9                                             | 51.75  | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 13:35 | 2                                            | 11.5   | 5                                             | 28.75  | 4                                             | 23     | 2                                           | 11.5   |               |               |                                           |                                              |                                               |                                               |                                             |
| 13:40 | 4                                            | 23     | 5                                             | 28.75  | 9                                             | 51.75  | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 13:45 | 7                                            | 40.25  | 6                                             | 34.5   | 6                                             | 34.5   | 4                                           | 23     |               |               |                                           |                                              |                                               |                                               |                                             |
| 13:50 | 1                                            | 5.75   | 2                                             | 11.5   | 6                                             | 34.5   | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 13:55 | 5                                            | 28.75  | 3                                             | 17.25  | 5                                             | 28.75  | 2                                           | 11.5   |               |               |                                           |                                              |                                               |                                               |                                             |
| 16:00 | 1                                            | 5.75   | 7                                             | 40.25  | 6                                             | 34.5   | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 16:05 | 3                                            | 17.25  | 3                                             | 17.25  | 3                                             | 17.25  | 5                                           | 28.75  |               |               |                                           |                                              |                                               |                                               |                                             |
| 16:10 | 6                                            | 34.5   | 15                                            | 86.25  | 14                                            | 80.5   | 2                                           | 11.5   |               |               |                                           |                                              |                                               |                                               |                                             |
| 16:15 | 5                                            | 28.75  | 8                                             | 46     | 8                                             | 46     | 0                                           | 0      |               |               |                                           |                                              |                                               |                                               |                                             |
| 16:20 | 8                                            | 46     | 5                                             | 28.75  | 7                                             | 40.25  | 4                                           | 23     |               |               |                                           |                                              |                                               |                                               |                                             |
| 16:25 | 5                                            | 28.75  | 6                                             | 34.5   | 10                                            | 57.5   | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 16:30 | 11                                           | 63.25  | 10                                            | 57.5   | 10                                            | 57.5   | 3                                           | 17.25  |               |               |                                           |                                              |                                               |                                               |                                             |
| 16:35 | 7                                            | 40.25  | 12                                            | 69     | 12                                            | 69     | 0                                           | 0      |               |               |                                           |                                              |                                               |                                               |                                             |
| 16:40 | 9                                            | 51.75  | 11                                            | 63.25  | 13                                            | 74.75  | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 16:45 | 5                                            | 28.75  | 9                                             | 51.75  | 8                                             | 46     | 2                                           | 11.5   |               |               |                                           |                                              |                                               |                                               |                                             |
| 16:50 | 4                                            | 23     | 5                                             | 28.75  | 6                                             | 34.5   | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 16:55 | 5                                            | 28.75  | 10                                            | 57.5   | 10                                            | 57.5   | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 17:00 | 4                                            | 23     | 8                                             | 46     | 7                                             | 40.25  | 3                                           | 17.25  |               |               |                                           |                                              |                                               |                                               |                                             |
| 17:05 | 2                                            | 11.5   | 4                                             | 23     | 5                                             | 28.75  | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 17:10 | 4                                            | 23     | 9                                             | 51.75  | 10                                            | 57.5   | 2                                           | 11.5   |               |               |                                           |                                              |                                               |                                               |                                             |
| 17:15 | 2                                            | 11.5   | 9                                             | 51.75  | 8                                             | 46     | 5                                           | 28.75  |               |               |                                           |                                              |                                               |                                               |                                             |
| 17:20 | 2                                            | 11.5   | 6                                             | 34.5   | 3                                             | 17.25  | 2                                           | 11.5   |               |               |                                           |                                              |                                               |                                               |                                             |
| 17:25 | 8                                            | 46     | 9                                             | 51.75  | 9                                             | 51.75  | 3                                           | 17.25  |               |               |                                           |                                              |                                               |                                               |                                             |
| 17:30 | 9                                            | 51.75  | 6                                             | 34.5   | 7                                             | 40.25  | 2                                           | 11.5   |               |               |                                           |                                              |                                               |                                               |                                             |
| 17:35 | 3                                            | 17.25  | 7                                             | 40.25  | 3                                             | 17.25  | 3                                           | 17.25  |               |               |                                           |                                              |                                               |                                               |                                             |
| 17:40 | 3                                            | 17.25  | 4                                             | 23     | 6                                             | 34.5   | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 17:45 | 3                                            | 17.25  | 10                                            | 57.5   | 5                                             | 28.75  | 3                                           | 17.25  |               |               |                                           |                                              |                                               |                                               |                                             |
| 17:50 | 2                                            | 11.5   | 9                                             | 51.75  | 8                                             | 46     | 4                                           | 23     |               |               |                                           |                                              |                                               |                                               |                                             |
| 17:55 | 4                                            | 23     | 10                                            | 57.5   | 9                                             | 51.75  | 6                                           | 34.5   |               |               |                                           |                                              |                                               |                                               |                                             |
| 18:00 | 4                                            | 23     | 5                                             | 28.75  | 5                                             | 28.75  | 2                                           | 11.5   |               |               |                                           |                                              |                                               |                                               |                                             |
| 18:05 | 6                                            | 34.5   | 10                                            | 57.5   | 10                                            | 57.5   | 4                                           | 23     |               |               |                                           |                                              |                                               |                                               |                                             |
| 18:10 | 6                                            | 34.5   | 8                                             | 46     | 9                                             | 51.75  | 3                                           | 17.25  |               |               |                                           |                                              |                                               |                                               |                                             |
| 18:15 | 4                                            | 23     | 13                                            | 74.75  | 14                                            | 80.5   | 4                                           | 23     |               |               |                                           |                                              |                                               |                                               |                                             |
| 18:20 | 9                                            | 51.75  | 7                                             | 40.25  | 7                                             | 40.25  | 4                                           | 23     |               |               |                                           |                                              |                                               |                                               |                                             |
| 18:25 | 1                                            | 5.75   | 4                                             | 23     | 6                                             | 34.5   | 0                                           | 0      |               |               |                                           |                                              |                                               |                                               |                                             |
| 18:30 | 2                                            | 11.5   | 5                                             | 28.75  | 4                                             | 23     | 0                                           | 0      |               |               |                                           |                                              |                                               |                                               |                                             |
| 18:35 | 6                                            | 34.5   | 9                                             | 51.75  | 7                                             | 40.25  | 3                                           | 17.25  |               |               |                                           |                                              |                                               |                                               |                                             |
| 18:40 | 9                                            | 51.75  | 10                                            | 57.5   | 5                                             | 28.75  | 1                                           | 5.75   |               |               |                                           |                                              |                                               |                                               |                                             |
| 18:45 | 7                                            | 40.25  | 10                                            | 57.5   | 13                                            | 74.75  | 6                                           | 34.5   |               |               |                                           |                                              |                                               |                                               |                                             |
| 18:50 | 4                                            | 23     | 7                                             | 40.25  | 6                                             | 34.5   | 2                                           | 11.5   |               |               |                                           |                                              |                                               |                                               |                                             |
| 18:55 | 3                                            | 17.25  | 6                                             | 34.5   | 5                                             | 28.75  | 3                                           | 17.25  |               |               |                                           |                                              |                                               |                                               |                                             |

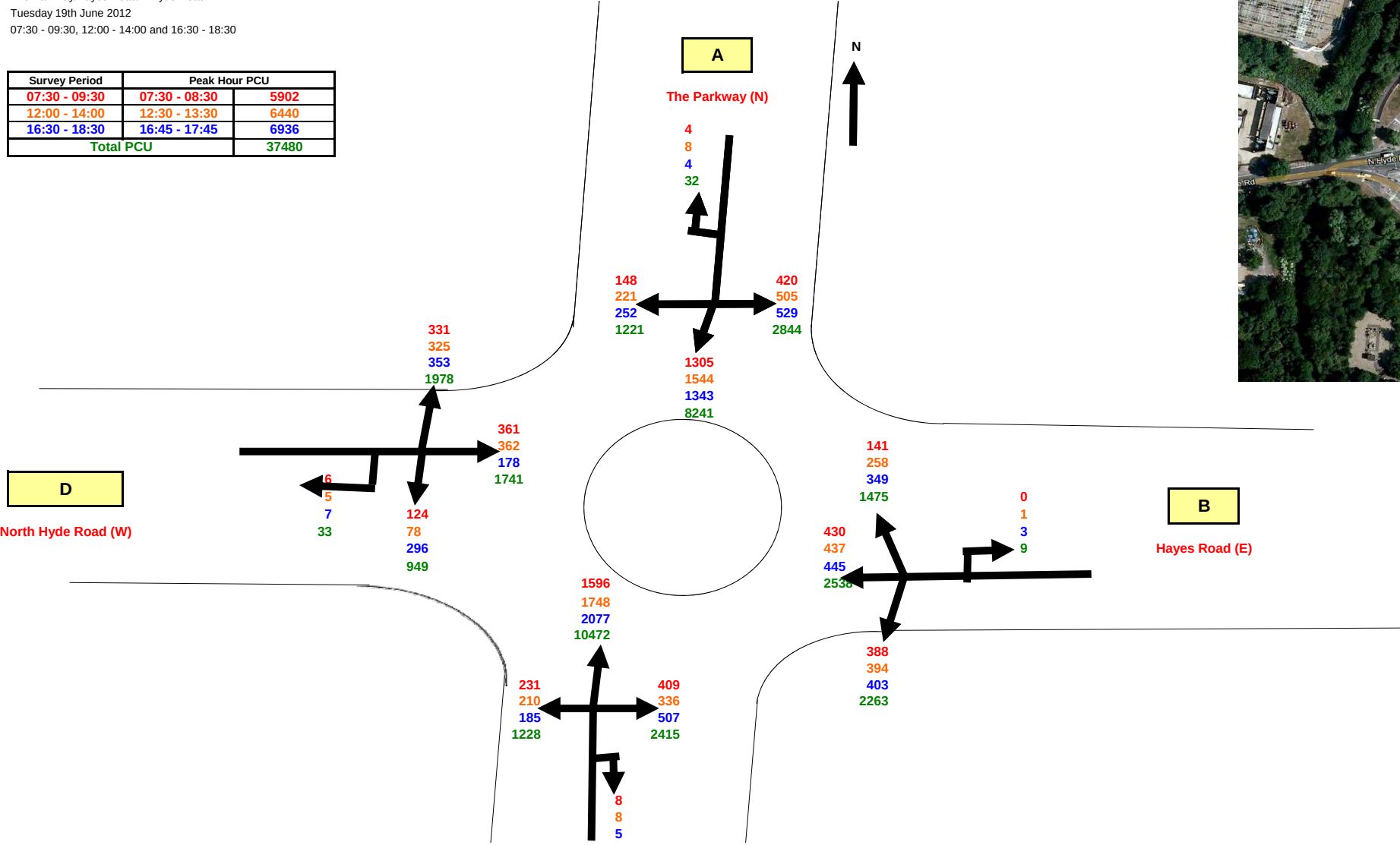
Title Hayes Hyde Park  
Site The Parkway/Hayes Road/N Hyde Road  
Date Tuesday 19th June 2012  
Time 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| D - N Hyde Road (W) Kerbside Lane Eastbound |          |        |          |        |          |        | D - N Hyde Road (W) Central Lane Eastbound |       |          |        |          |        |          | D - N Hyde Road (W) Outside Lane Eastbound |          |       |          |        |          |        | D - N Hyde Road (W) Kerbside Lane Eastbound |        |          |       |          |        |          | D - N Hyde Road (W) Central Lane Eastbound |          |        |          |       |          |        | D - N Hyde Road (W) Outside Lane Eastbound |        |          |       |  |  |  |
|---------------------------------------------|----------|--------|----------|--------|----------|--------|--------------------------------------------|-------|----------|--------|----------|--------|----------|--------------------------------------------|----------|-------|----------|--------|----------|--------|---------------------------------------------|--------|----------|-------|----------|--------|----------|--------------------------------------------|----------|--------|----------|-------|----------|--------|--------------------------------------------|--------|----------|-------|--|--|--|
| Time                                        | Vehicles | Metres | Vehicles | Metres | Vehicles | Metres | Comments                                   | Time  | Vehicles | Metres | Vehicles | Metres | Vehicles | Metres                                     | Comments | Time  | Vehicles | Metres | Vehicles | Metres | Vehicles                                    | Metres | Comments | Time  | Vehicles | Metres | Vehicles | Metres                                     | Vehicles | Metres | Comments | Time  | Vehicles | Metres | Vehicles                                   | Metres | Comments |       |  |  |  |
| 07:00                                       | 3        | 17.25  | 1        | 5.75   | 0        | 0      |                                            | 07:00 | 3        | 17.25  | 1        | 5.75   | 0        | 0                                          |          | 07:00 | 3        | 17.25  | 1        | 5.75   | 0                                           | 0      |          | 07:00 | 3        | 17.25  | 1        | 5.75                                       | 0        | 0      |          | 07:00 | 3        | 17.25  | 1                                          | 5.75   | 0        | 0     |  |  |  |
| 07:05                                       | 3        | 17.25  | 0        | 0      | 0        | 0      |                                            | 07:05 | 3        | 17.25  | 0        | 0      | 0        | 0                                          |          | 07:05 | 3        | 17.25  | 0        | 0      | 0                                           | 0      |          | 07:05 | 3        | 17.25  | 0        | 0                                          | 0        | 0      |          | 07:05 | 3        | 17.25  | 0                                          | 0      | 0        | 0     |  |  |  |
| 07:10                                       | 3        | 17.25  | 2        | 11.5   | 0        | 0      |                                            | 07:10 | 3        | 17.25  | 2        | 11.5   | 0        | 0                                          |          | 07:10 | 3        | 17.25  | 2        | 11.5   | 0                                           | 0      |          | 07:10 | 3        | 17.25  | 2        | 11.5                                       | 0        | 0      |          | 07:10 | 3        | 17.25  | 2                                          | 11.5   | 0        | 0     |  |  |  |
| 07:15                                       | 2        | 11.5   | 4        | 23     | 3        | 17.25  |                                            | 07:15 | 2        | 11.5   | 4        | 23     | 3        | 17.25                                      |          | 07:15 | 2        | 11.5   | 4        | 23     | 3                                           | 17.25  |          | 07:15 | 2        | 11.5   | 4        | 23                                         | 3        | 17.25  |          | 07:15 | 2        | 11.5   | 4                                          | 23     | 3        | 17.25 |  |  |  |
| 07:20                                       | 4        | 24.5   | 1        | 5.75   | 0        | 0      |                                            | 07:20 | 4        | 24.5   | 1        | 5.75   | 0        | 0                                          |          | 07:20 | 4        | 24.5   | 1        | 5.75   | 0                                           | 0      |          | 07:20 | 4        | 24.5   | 1        | 5.75                                       | 0        | 0      |          | 07:20 | 4        | 24.5   | 1                                          | 5.75   | 0        | 0     |  |  |  |
| 07:25                                       | 4        | 23     | 1        | 5.75   | 0        | 0      |                                            | 07:25 | 4        | 23     | 1        | 5.75   | 0        | 0                                          |          | 07:25 | 4        | 23     | 1        | 5.75   | 0                                           | 0      |          | 07:25 | 4        | 23     | 1        | 5.75                                       | 0        | 0      |          | 07:25 | 4        | 23     | 1                                          | 5.75   | 0        | 0     |  |  |  |
| 07:30                                       | 4        | 23     | 1        | 5.75   | 3        | 17.25  |                                            | 07:30 | 4        | 23     | 1        | 5.75   | 3        | 17.25                                      |          | 07:30 | 4        | 23     | 1        | 5.75   | 3                                           | 17.25  |          | 07:30 | 4        | 23     | 1        | 5.75                                       | 3        | 17.25  |          | 07:30 | 4        | 23     | 1                                          | 5.75   | 3        | 17.25 |  |  |  |
| 07:35                                       | 7        | 40.25  | 2        | 11.5   | 2        | 11.5   |                                            | 07:35 | 7        | 40.25  | 2        | 11.5   | 2        | 11.5                                       |          | 07:35 | 7        | 40.25  | 2        | 11.5   | 2                                           | 11.5   |          | 07:35 | 7        | 40.25  | 2        | 11.5                                       | 2        | 11.5   |          | 07:35 | 7        | 40.25  | 2                                          | 11.5   | 2        | 11.5  |  |  |  |
| 07:40                                       | 7        | 40.25  | 5        | 28.75  | 0        | 0      |                                            | 07:40 | 7        | 40.25  | 5        | 28.75  | 0        | 0                                          |          | 07:40 | 7        | 40.25  | 5        | 28.75  | 0                                           | 0      |          | 07:40 | 7        | 40.25  | 5        | 28.75                                      | 0        | 0      |          | 07:40 | 7        | 40.25  | 5                                          | 28.75  | 0        | 0     |  |  |  |
| 07:45                                       | 8        | 46     | 2        | 11.5   | 0        | 0      |                                            | 07:45 | 8        | 46     | 2        | 11.5   | 0        | 0                                          |          | 07:45 | 8        | 46     | 2        | 11.5   | 0                                           | 0      |          | 07:45 | 8        | 46     | 2        | 11.5                                       | 0        | 0      |          | 07:45 | 8        | 46     | 2                                          | 11.5   | 0        | 0     |  |  |  |
| 07:50                                       | 10       | 57.5   | 7        | 40.25  | 0        | 0      |                                            | 07:50 | 10       | 57.5   | 7        | 40.25  | 0        | 0                                          |          | 07:50 | 10       | 57.5   | 7        | 40.25  | 0                                           | 0      |          | 07:50 | 10       | 57.5   | 7        | 40.25                                      | 0        | 0      |          | 07:50 | 10       | 57.5   | 7                                          | 40.25  | 0        | 0     |  |  |  |
| 07:55                                       | 5        | 28.75  | 2        | 11.5   | 2        | 11.5   |                                            | 07:55 | 5        | 28.75  | 2        | 11.5   | 2        | 11.5                                       |          | 07:55 | 5        | 28.75  | 2        | 11.5   | 2                                           | 11.5   |          | 07:55 | 5        | 28.75  | 2        | 11.5                                       | 2        | 11.5   |          | 07:55 | 5        | 28.75  | 2                                          | 11.5   | 2        | 11.5  |  |  |  |
| 08:00                                       | 5        | 28.75  | 2        | 11.5   | 1        | 5.75   |                                            | 08:00 | 5        | 28.75  | 2        | 11.5   | 1        | 5.75                                       |          | 08:00 | 5        | 28.75  | 2        | 11.5   | 1                                           | 5.75   |          | 08:00 | 5        | 28.75  | 2        | 11.5                                       | 1        | 5.75   |          | 08:00 | 5        | 28.75  | 2                                          | 11.5   | 1        | 5.75  |  |  |  |
| 08:05                                       | 1        | 5.75   | 0        | 0      | 1        | 5.75   |                                            | 08:05 | 1        | 5.75   | 0        | 0      | 1        | 5.75                                       |          | 08:05 | 1        | 5.75   | 0        | 0      | 1                                           | 5.75   |          | 08:05 | 1        | 5.75   | 0        | 0                                          | 1        | 5.75   |          | 08:05 | 1        | 5.75   | 0                                          | 0      | 1        | 5.75  |  |  |  |
| 08:10                                       | 5        | 28.75  | 1        | 5.75   | 1        | 5.75   |                                            | 08:10 | 5        | 28.75  | 1        | 5.75   | 1        | 5.75                                       |          | 08:10 | 5        | 28.75  | 1        | 5.75   | 1                                           | 5.75   |          | 08:10 | 5        | 28.75  | 1        | 5.75                                       | 1        | 5.75   |          | 08:10 | 5        | 28.75  | 1                                          | 5.75   | 1        | 5.75  |  |  |  |
| 08:15                                       | 2        | 11.5   | 0        | 0      | 1        | 5.75   |                                            | 08:15 | 2        | 11.5   | 0        | 0      | 1        | 5.75                                       |          | 08:15 | 2        | 11.5   | 0        | 0      | 1                                           | 5.75   |          | 08:15 | 2        | 11.5   | 0        | 0                                          | 1        | 5.75   |          | 08:15 | 2        | 11.5   | 0                                          | 0      | 1        | 5.75  |  |  |  |
| 08:20                                       | 3        | 17.25  | 3        | 17.25  | 0        | 0      |                                            | 08:20 | 3        | 17.25  | 3        | 17.25  | 0        | 0                                          |          | 08:20 | 3        | 17.25  | 3        | 17.25  | 0                                           | 0      |          | 08:20 | 3        | 17.25  | 3        | 17.25                                      | 0        | 0      |          | 08:20 | 3        | 17.25  | 3                                          | 17.25  | 0        | 0     |  |  |  |
| 08:25                                       | 4        | 23     | 4        | 23     | 0        | 0      |                                            | 08:25 | 4        | 23     | 4        | 23     | 0        | 0                                          |          | 08:25 | 4        | 23     | 4        | 23     | 0                                           | 0      |          | 08:25 | 4        | 23     | 4        | 23                                         | 0        | 0      |          | 08:25 | 4        | 23     | 4                                          | 23     | 0        | 0     |  |  |  |
| 08:30                                       | 3        | 17.25  | 3        | 17.25  | 0        | 0      |                                            | 08:30 | 3        | 17.25  | 3        | 17.25  | 0        | 0                                          |          | 08:30 | 3        | 17.25  | 3        | 17.25  | 0                                           | 0      |          | 08:30 | 3        | 17.25  | 3        | 17.25                                      | 0        | 0      |          | 08:30 | 3        | 17.25  | 3                                          | 17.25  | 0        | 0     |  |  |  |
| 08:35                                       | 7        | 40.25  | 2        | 11.5   | 0        | 0      |                                            | 08:35 | 7        | 40.25  | 2        | 11.5   | 0        | 0                                          |          | 08:35 | 7        | 40.25  | 2        | 11.5   | 0                                           | 0      |          | 08:35 | 7        | 40.25  | 2        | 11.5                                       | 0        | 0      |          | 08:35 | 7        | 40.25  | 2                                          | 11.5   | 0        | 0     |  |  |  |
| 08:40                                       | 5        | 28.75  | 5        | 28.75  | 1        | 5.75   |                                            | 08:40 | 5        | 28.75  | 5        | 28.75  | 1        | 5.75                                       |          | 08:40 | 5        | 28.75  | 5        | 28.75  | 1                                           | 5.75   |          | 08:40 | 5        | 28.75  | 5        | 28.75                                      | 1        | 5.75   |          | 08:40 | 5        | 28.75  | 5                                          | 28.75  | 1        | 5.75  |  |  |  |
| 08:45                                       | 10       | 57.5   | 6        | 34.5   | 1        | 5.75   |                                            | 08:45 | 10       | 57.5   | 6        | 34.5   | 1        | 5.75                                       |          | 08:45 | 10       | 57.5   | 6        | 34.5   | 1                                           | 5.75   |          | 08:45 | 10       | 57.5   | 6        | 34.5                                       | 1        | 5.75   |          | 08:45 | 10       | 57.5   | 6                                          | 34.5   | 1        | 5.75  |  |  |  |
| 08:50                                       | 20       | 115    | 5        | 28.75  | 2        | 11.5   |                                            | 08:50 | 20       | 115    | 5        | 28.75  | 2        | 11.5                                       |          | 08:50 | 20       | 115    | 5        | 28.75  | 2                                           | 11.5   |          | 08:50 | 20       | 115    | 5        | 28.75                                      | 2        | 11.5   |          | 08:50 | 20       | 115    | 5                                          | 28.75  | 2        | 11.5  |  |  |  |
| 08:55                                       | 12       | 69     | 5        | 28.75  | 1        | 5.75   |                                            | 08:55 | 12       | 69     | 5        | 28.75  | 1        | 5.75                                       |          | 08:55 | 12       | 69     | 5        | 28.75  | 1                                           | 5.75   |          | 08:55 | 12       | 69     | 5        | 28.75                                      | 1        | 5.75   |          | 08:55 | 12       | 69     | 5                                          | 28.75  | 1        | 5.75  |  |  |  |
| 09:00                                       | 13       | 74.75  | 4        | 23     | 2        | 11.5   |                                            | 09:00 | 13       | 74.75  | 4        | 23     | 2        | 11.5                                       |          | 09:00 | 13       | 74.75  | 4        | 23     | 2                                           | 11.5   |          | 09:00 | 13       | 74.75  | 4        | 23                                         | 2        | 11.5   |          | 09:00 | 13       | 74.75  | 4                                          | 23     | 2        | 11.5  |  |  |  |
| 09:05                                       | 4        | 23     | 4        | 23     | 0        | 0      |                                            | 09:05 | 4        | 23     | 4        | 23     | 0        | 0                                          |          | 09:05 | 4        | 23     | 4        | 23     | 0                                           | 0      |          | 09:05 | 4        | 23     | 4        | 23                                         | 0        | 0      |          | 09:05 | 4        | 23     | 4                                          | 23     | 0        | 0     |  |  |  |
| 09:10                                       | 2        | 11.5   | 1        | 5.75   | 0        | 0      |                                            | 09:10 | 2        | 11.5   | 1        | 5.75   | 0        | 0                                          |          | 09:10 | 2        | 11.5   | 1        | 5.75   | 0                                           | 0      |          | 09:10 | 2        | 11.5   | 1        | 5.75                                       | 0        | 0      |          | 09:10 | 2        | 11.5   | 1                                          | 5.75   | 0        | 0     |  |  |  |
| 09:15                                       | 3        | 17.25  | 1        | 5.75   | 0        | 0      |                                            | 09:15 | 3        | 17.25  | 1        | 5.75   | 0        | 0                                          |          | 09:15 | 3        | 17.25  | 1        | 5.75   | 0                                           | 0      |          | 09:15 | 3        | 17.25  | 1        | 5.75                                       | 0        | 0      |          | 09:15 | 3        | 17.25  | 1                                          | 5.75   | 0        | 0     |  |  |  |
| 09:20                                       | 15       | 86.25  | 7        | 40.25  | 1        | 5.75   |                                            | 09:20 | 15       | 86.25  | 7        | 40.25  | 1        | 5.75                                       |          | 09:20 | 15       | 86.25  | 7        | 40.25  | 1                                           | 5.75   |          | 09:20 | 15       | 86.25  | 7        | 40.25                                      | 1        | 5.75   |          | 09:20 | 15       | 86.25  | 7                                          | 40.25  | 1        | 5.75  |  |  |  |
| 09:25                                       | 15       | 86.25  | 1        | 5.75   | 0        | 0      |                                            | 09:25 | 15       | 86.25  | 1        | 5.75   | 0        | 0                                          |          | 09:25 | 15       | 86.25  | 1        | 5.75   | 0                                           | 0      |          | 09:25 | 15       | 86.25  | 1        | 5.75                                       | 0        | 0      |          | 09:25 | 15       | 86.25  | 1                                          | 5.75   | 0        | 0     |  |  |  |
| 09:30                                       | 14       | 86.5   | 6        | 34.5   | 1        | 5.75   |                                            | 09:30 | 14       | 86.5   | 6        | 34.5   | 1        | 5.75                                       |          | 09:30 | 14       | 86.5   | 6        | 34.5   | 1                                           | 5.75   |          | 09:30 | 14       | 86.5   | 6        | 34.5                                       | 1        | 5.75   |          | 09:30 | 14       | 86.5   | 6                                          | 34.5   | 1        | 5.75  |  |  |  |
| 09:35                                       | 16       | 92     | 6        | 34.5   | 3        | 17.25  |                                            | 09:35 | 16       | 92     | 6        | 34.5   | 3        | 17.25                                      |          | 09:35 | 16       | 92     | 6        | 34.5   | 3                                           | 17.25  |          | 09:35 | 16       | 92     | 6        | 34.5                                       | 3        | 17.25  |          | 09:35 | 16       | 92     | 6                                          | 34.5   | 3        | 17.25 |  |  |  |
| 09:40                                       | 7        | 40.25  | 3        | 17.25  | 2        | 11.5   |                                            | 09:40 | 7        | 40.25  | 3        | 17.25  | 2        | 11.5                                       |          | 09:40 | 7        | 40.25  | 3        | 17.25  | 2                                           | 11.5   |          | 09:40 | 7        | 40.25  | 3        | 17.25                                      | 2        | 11.5   |          | 09:40 | 7        | 40.25  | 3                                          | 17.25  | 2        | 11.5  |  |  |  |
| 09:45                                       | 3        | 17.25  | 2        | 11.5   | 1        | 5.75   |                                            | 09:45 | 3        | 17.25  | 2        | 11.5   | 1        | 5.75                                       |          | 09:45 | 3        | 17.25  | 2        | 11.5   | 1                                           | 5.75   |          | 09:45 | 3        | 17.25  | 2        | 11.5                                       | 1        | 5.75   |          | 09:45 | 3        | 17.25  | 2                                          | 11.5   | 1        | 5.75  |  |  |  |
| 09:50                                       | 16       | 92     | 8        | 46     | 0        | 0      |                                            | 09:50 | 16       | 92     | 8        | 46     | 0        | 0                                          |          | 09:50 | 16       | 92     | 8        | 46     | 0                                           | 0      |          | 09:50 | 16       | 92     | 8        | 46                                         | 0        | 0      |          | 09:50 | 16       | 92     | 8                                          | 46     | 0        | 0     |  |  |  |
| 09:55                                       | 7        | 40.25  | 5        | 28.75  | 2        | 11.5   |                                            | 09:55 | 7        | 40.25  | 5        | 28.75  | 2        | 11.5                                       |          | 09:55 | 7        | 40.25  | 5        | 28.75  | 2                                           | 11.5   |          | 09:55 | 7        | 40.25  | 5        | 28.75                                      | 2        | 11.5   |          | 09:55 | 7        | 40.25  | 5                                          | 28.75  | 2        | 11.5  |  |  |  |
| 12:00                                       | 3        | 17.25  | 2        | 11.5   | 2        | 11.5   |                                            | 12:00 | 3        | 17.25  | 2        | 11.5   | 2        | 11.5                                       |          | 12:00 | 3        | 17.25  | 2        | 11.5   | 2                                           | 11.5   |          | 12:00 | 3        | 17.25  | 2        | 11.5                                       | 2        | 11.5   |          | 12:00 | 3        | 17.25  | 2                                          | 11.5   | 2        | 11.5  |  |  |  |
| 12:05                                       | 9        | 51.75  | 5        | 28.75  | 1        | 5.75   |                                            | 12:05 | 9        | 51.75  | 5        | 28.75  | 1        | 5.75                                       |          | 12:05 | 9        | 51.75  | 5        | 28.75  | 1                                           | 5.75   |          | 12:05 | 9        | 51.75  | 5        | 28.75                                      | 1        | 5.75   |          | 12:05 | 9        | 51.75  | 5                                          | 28.75  | 1        | 5.75  |  |  |  |
| 12:10                                       | 7        | 40.25  | 3        | 17.25  | 2        | 11.5   |                                            | 12:10 | 7        | 40.25  | 3        | 17.25  | 2        | 11.5                                       |          | 12:10 | 7        | 40.25  | 3        | 17.25  | 2                                           | 11.5   |          | 12:10 | 7        | 40.25  | 3        | 17.25                                      | 2        | 11.5   |          | 12:10 | 7        | 40.25  | 3                                          | 17.25  | 2        | 11.5  |  |  |  |
| 12:15                                       | 4        | 23     | 1        | 5.75   | 0        | 0      |                                            | 12:15 | 4        | 23     | 1        | 5.75   | 0        | 0                                          |          | 12:15 | 4        | 23     | 1        | 5.75   | 0                                           | 0      |          | 12:15 | 4        | 23     | 1        | 5.75                                       | 0        | 0      |          | 12:15 | 4        | 23     | 1                                          | 5.75   | 0        | 0     |  |  |  |
| 12:20                                       | 6        | 34.5   | 0        | 0      | 1        | 5.75   |                                            | 12:20 | 6        | 34.5   | 0        | 0      | 1        | 5.75                                       |          | 12:20 | 6        | 34.5   | 0        | 0      | 1                                           | 5.75   |          | 12:20 | 6        | 34.5   | 0        | 0                                          | 1        | 5.75   |          | 12:20 | 6        | 34.5   | 0                                          | 0      | 1        | 5.    |  |  |  |

Title  
Site  
Date  
Time

Hayes Hyde Park  
The Parkway/Hayes Road/N Hyde Road  
Tuesday 19th June 2012  
07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Survey Period | Peak Hour PCU |       |
|---------------|---------------|-------|
| 07:30 - 09:30 | 07:30 - 08:30 | 5902  |
| 12:00 - 14:00 | 12:30 - 13:30 | 6440  |
| 16:30 - 18:30 | 16:45 - 17:45 | 6936  |
| Total PCU     |               | 37480 |



**Title** Hayes Hyde Park  
**Site** The Parkway/Hayes Road/N Hyde Road  
**Date** Tuesday 19th June 2012  
**Time** 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Peak Period      | PCUs        |
|------------------|-------------|
| 07:30 - 08:30    | 420         |
| 12:30 - 13:30    | 505         |
| 16:45 - 17:45    | 529         |
| <b>Total PCU</b> | <b>2844</b> |

**A into B**

| The Parkway (N) Southbound left into Hayes Road (E) |             |           |            |            |           |          |          |           |          |             |               |               |                     |
|-----------------------------------------------------|-------------|-----------|------------|------------|-----------|----------|----------|-----------|----------|-------------|---------------|---------------|---------------------|
| Time                                                | Car         | Taxi      | LGV        | OGV 1      | OGV 2     | Bus      | Coach    | M/Cycle   | P/Cycle  | Totals      | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                                       | 59          | 0         | 18         | 7          | 0         | 0        | 0        | 1         | 0        | 85          | 88            | 07:30 - 08:30 | 420                 |
| 07:45 - 08:00                                       | 89          | 0         | 18         | 5          | 2         | 1        | 1        | 0         | 0        | 116         | 123           | 07:45 - 08:45 | 478                 |
| <b>H/TOT</b>                                        | <b>148</b>  | <b>0</b>  | <b>36</b>  | <b>12</b>  | <b>2</b>  | <b>1</b> | <b>1</b> | <b>1</b>  | <b>0</b> | <b>201</b>  | <b>211</b>    |               |                     |
| 08:00 - 08:15                                       | 86          | 0         | 18         | 8          | 0         | 0        | 0        | 1         | 0        | 113         | 116           | 08:00 - 09:00 | 432                 |
| 08:15 - 08:30                                       | 72          | 0         | 12         | 6          | 0         | 0        | 0        | 0         | 0        | 90          | 93            | 08:15 - 09:15 | 399                 |
| 08:30 - 08:45                                       | 113         | 0         | 10         | 9          | 4         | 0        | 0        | 1         | 0        | 137         | 146           | 08:30 - 09:30 | 412                 |
| 08:45 - 09:00                                       | 45          | 1         | 20         | 6          | 1         | 0        | 0        | 0         | 0        | 73          | 77            |               |                     |
| <b>H/TOT</b>                                        | <b>316</b>  | <b>1</b>  | <b>60</b>  | <b>29</b>  | <b>5</b>  | <b>0</b> | <b>0</b> | <b>2</b>  | <b>0</b> | <b>413</b>  | <b>432</b>    |               |                     |
| 09:00 - 09:15                                       | 56          | 0         | 17         | 1          | 3         | 1        | 0        | 0         | 0        | 78          | 83            |               |                     |
| 09:15 - 09:30                                       | 81          | 0         | 9          | 3          | 4         | 1        | 0        | 0         | 0        | 98          | 106           |               |                     |
| <b>H/TOT</b>                                        | <b>137</b>  | <b>0</b>  | <b>26</b>  | <b>4</b>   | <b>7</b>  | <b>2</b> | <b>0</b> | <b>0</b>  | <b>0</b> | <b>176</b>  | <b>189</b>    |               |                     |
| 12:00 - 12:15                                       | 94          | 0         | 22         | 7          | 2         | 0        | 1        | 1         | 0        | 127         | 134           | 12:00 - 13:00 | 508                 |
| 12:15 - 12:30                                       | 72          | 0         | 22         | 7          | 0         | 0        | 0        | 2         | 0        | 103         | 105           | 12:15 - 13:15 | 487                 |
| 12:30 - 12:45                                       | 86          | 0         | 21         | 7          | 1         | 0        | 0        | 1         | 0        | 116         | 120           | 12:30 - 13:30 | 505                 |
| 12:45 - 13:00                                       | 116         | 1         | 20         | 7          | 0         | 0        | 0        | 3         | 0        | 147         | 149           | 12:45 - 13:45 | 488                 |
| <b>H/TOT</b>                                        | <b>368</b>  | <b>1</b>  | <b>85</b>  | <b>28</b>  | <b>3</b>  | <b>0</b> | <b>1</b> | <b>7</b>  | <b>0</b> | <b>493</b>  | <b>508</b>    |               |                     |
| 13:00 - 13:15                                       | 86          | 0         | 13         | 9          | 0         | 0        | 0        | 1         | 0        | 109         | 113           | 13:00 - 14:00 | 477                 |
| 13:15 - 13:30                                       | 91          | 1         | 17         | 6          | 2         | 0        | 0        | 0         | 0        | 117         | 123           |               |                     |
| 13:30 - 13:45                                       | 71          | 0         | 19         | 7          | 0         | 0        | 1        | 1         | 0        | 99          | 103           |               |                     |
| 13:45 - 14:00                                       | 109         | 0         | 19         | 3          | 2         | 0        | 0        | 1         | 0        | 134         | 138           |               |                     |
| <b>H/TOT</b>                                        | <b>357</b>  | <b>1</b>  | <b>68</b>  | <b>25</b>  | <b>4</b>  | <b>0</b> | <b>1</b> | <b>3</b>  | <b>0</b> | <b>459</b>  | <b>477</b>    |               |                     |
| 16:30 - 16:45                                       | 97          | 0         | 16         | 1          | 1         | 0        | 1        | 0         | 0        | 116         | 119           | 16:30 - 17:30 | 473                 |
| 16:45 - 17:00                                       | 108         | 2         | 20         | 4          | 0         | 0        | 0        | 0         | 0        | 134         | 136           | 16:45 - 17:45 | 529                 |
| <b>H/TOT</b>                                        | <b>205</b>  | <b>2</b>  | <b>36</b>  | <b>5</b>   | <b>1</b>  | <b>0</b> | <b>1</b> | <b>0</b>  | <b>0</b> | <b>250</b>  | <b>255</b>    |               |                     |
| 17:00 - 17:15                                       | 90          | 1         | 9          | 0          | 0         | 0        | 0        | 0         | 0        | 100         | 100           | 17:00 - 18:00 | 525                 |
| 17:15 - 17:30                                       | 100         | 1         | 14         | 2          | 0         | 0        | 0        | 1         | 0        | 118         | 118           | 17:15 - 18:15 | 549                 |
| 17:30 - 17:45                                       | 152         | 0         | 21         | 1          | 0         | 0        | 0        | 1         | 0        | 175         | 175           | 17:30 - 18:30 | 554                 |
| 17:45 - 18:00                                       | 108         | 9         | 13         | 1          | 0         | 0        | 0        | 1         | 0        | 132         | 132           |               |                     |
| <b>H/TOT</b>                                        | <b>450</b>  | <b>11</b> | <b>57</b>  | <b>4</b>   | <b>0</b>  | <b>0</b> | <b>0</b> | <b>3</b>  | <b>0</b> | <b>525</b>  | <b>525</b>    |               |                     |
| 18:00 - 18:15                                       | 105         | 0         | 17         | 0          | 0         | 0        | 1        | 0         | 0        | 123         | 124           |               |                     |
| 18:15 - 18:30                                       | 109         | 0         | 9          | 2          | 0         | 1        | 0        | 1         | 0        | 122         | 123           |               |                     |
| <b>H/TOT</b>                                        | <b>214</b>  | <b>0</b>  | <b>26</b>  | <b>2</b>   | <b>0</b>  | <b>1</b> | <b>1</b> | <b>1</b>  | <b>0</b> | <b>245</b>  | <b>247</b>    |               |                     |
| <b>P/TOT</b>                                        | <b>2195</b> | <b>16</b> | <b>394</b> | <b>109</b> | <b>22</b> | <b>4</b> | <b>5</b> | <b>17</b> | <b>0</b> | <b>2762</b> | <b>2844</b>   |               |                     |

**Title** Hayes Hyde Park  
**Site** The Parkway/Hayes Road/N Hyde Road  
**Date** Tuesday 19th June 2012  
**Time** 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Peak Period   | PCUs |
|---------------|------|
| 07:30 - 08:30 | 1305 |
| 12:30 - 13:30 | 1544 |
| 16:45 - 17:45 | 1343 |
| Total PCU     | 8241 |

A into C

| The Parkway (N) Southbound straight into The Parkway (S) |      |      |      |       |       |     |       |         |         |        |               |               |                     |
|----------------------------------------------------------|------|------|------|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Time                                                     | Car  | Taxi | LGV  | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                                            | 251  | 0    | 44   | 12    | 9     | 0   | 1     | 6       | 1       | 324    | 338           | 07:30 - 08:30 | 1305                |
| 07:45 - 08:00                                            | 266  | 1    | 34   | 12    | 6     | 1   | 1     | 3       | 0       | 324    | 338           | 07:45 - 08:45 | 1344                |
| H/TOT                                                    | 517  | 1    | 78   | 24    | 15    | 1   | 2     | 9       | 1       | 648    | 676           |               |                     |
| 08:00 - 08:15                                            | 253  | 1    | 36   | 13    | 6     | 0   | 2     | 2       | 0       | 313    | 328           | 08:00 - 09:00 | 1305                |
| 08:15 - 08:30                                            | 226  | 0    | 34   | 15    | 6     | 0   | 1     | 7       | 1       | 290    | 301           | 08:15 - 09:15 | 1243                |
| 08:30 - 08:45                                            | 274  | 2    | 37   | 17    | 12    | 0   | 4     | 8       | 0       | 354    | 377           | 08:30 - 09:30 | 1214                |
| 08:45 - 09:00                                            | 224  | 1    | 35   | 9     | 5     | 0   | 6     | 4       | 0       | 284    | 299           |               |                     |
| H/TOT                                                    | 977  | 4    | 142  | 54    | 29    |     | 13    | 21      | 1       | 1241   | 1305          |               |                     |
| 09:00 - 09:15                                            | 193  | 1    | 32   | 13    | 7     | 1   | 1     | 2       | 0       | 250    | 266           |               |                     |
| 09:15 - 09:30                                            | 187  | 4    | 28   | 14    | 10    | 1   | 2     | 8       | 0       | 254    | 272           |               |                     |
| H/TOT                                                    | 380  | 5    | 60   | 27    | 17    | 2   | 3     | 10      |         | 504    | 538           |               |                     |
| 12:00 - 12:15                                            | 274  | 1    | 59   | 18    | 8     | 0   | 2     | 3       | 0       | 365    | 385           | 12:00 - 13:00 | 1508                |
| 12:15 - 12:30                                            | 246  | 3    | 53   | 19    | 8     | 1   | 1     | 2       | 0       | 333    | 354           | 12:15 - 13:15 | 1507                |
| 12:30 - 12:45                                            | 260  | 3    | 51   | 23    | 11    | 0   | 3     | 2       | 0       | 353    | 381           | 12:30 - 13:30 | 1544                |
| 12:45 - 13:00                                            | 272  | 2    | 58   | 20    | 9     | 0   | 2     | 3       | 0       | 366    | 388           | 12:45 - 13:45 | 1554                |
| H/TOT                                                    | 1052 | 9    | 221  | 80    | 36    | 1   | 8     | 10      |         | 1417   | 1508          |               |                     |
| 13:00 - 13:15                                            | 274  | 1    | 48   | 22    | 10    | 0   | 2     | 3       | 0       | 360    | 384           | 13:00 - 14:00 | 1563                |
| 13:15 - 13:30                                            | 278  | 4    | 51   | 22    | 8     | 0   | 3     | 1       | 0       | 367    | 391           |               |                     |
| 13:30 - 13:45                                            | 268  | 3    | 55   | 25    | 9     | 1   | 1     | 6       | 0       | 368    | 391           |               |                     |
| 13:45 - 14:00                                            | 271  | 1    | 63   | 22    | 11    | 0   | 1     | 4       | 1       | 374    | 397           |               |                     |
| H/TOT                                                    | 1091 | 9    | 217  | 91    | 38    | 1   | 7     | 14      | 1       | 1469   | 1563          |               |                     |
| 16:30 - 16:45                                            | 253  | 2    | 39   | 6     | 3     | 0   | 4     | 7       | 0       | 314    | 321           | 16:30 - 17:30 | 1279                |
| 16:45 - 17:00                                            | 256  | 1    | 47   | 8     | 3     | 0   | 1     | 3       | 1       | 320    | 326           | 16:45 - 17:45 | 1343                |
| H/TOT                                                    | 509  | 3    | 86   | 14    | 6     |     | 5     | 10      | 1       | 634    | 647           |               |                     |
| 17:00 - 17:15                                            | 245  | 3    | 31   | 9     | 1     | 0   | 1     | 8       | 0       | 298    | 300           | 17:00 - 18:00 | 1341                |
| 17:15 - 17:30                                            | 277  | 3    | 33   | 6     | 2     | 1   | 0     | 8       | 0       | 330    | 332           | 17:15 - 18:15 | 1376                |
| 17:30 - 17:45                                            | 325  | 0    | 38   | 6     | 3     | 1   | 1     | 5       | 0       | 379    | 385           | 17:30 - 18:30 | 1372                |
| 17:45 - 18:00                                            | 270  | 1    | 34   | 9     | 1     | 0   | 0     | 9       | 0       | 324    | 324           |               |                     |
| H/TOT                                                    | 1117 | 7    | 136  | 30    | 7     | 2   | 2     | 30      |         | 1331   | 1341          |               |                     |
| 18:00 - 18:15                                            | 271  | 1    | 44   | 6     | 1     | 0   | 2     | 8       | 0       | 333    | 335           |               |                     |
| 18:15 - 18:30                                            | 288  | 3    | 27   | 2     | 1     | 1   | 0     | 6       | 0       | 328    | 328           |               |                     |
| H/TOT                                                    | 559  | 4    | 71   | 8     | 2     | 1   | 2     | 14      |         | 661    | 663           |               |                     |
| P/TOT                                                    | 6202 | 42   | 1011 | 328   | 150   | 8   | 42    | 118     | 4       | 7905   | 8241          |               |                     |

Title Hayes Hyde Park  
Site The Parkway/Hayes Road/N Hyde Road  
Date Tuesday 19th June 2012  
Time 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

Title  
Site  
Date  
Time

| Peak Period   | PCUs |
|---------------|------|
| 07:30 - 08:30 | 4    |
| 12:30 - 13:30 | 8    |
| 16:45 - 17:45 | 4    |
| Total PCU     | 32   |

A into A

| The Parkway (N) Southbound U turn |     |      |     |       |       |     |       |         |         |        |               |               |                     |
|-----------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Time                              | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 07:30 - 08:30 | 4                   |
| 07:45 - 08:00                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 07:45 - 08:45 | 4                   |
| H/TOT                             | 2   |      |     |       |       |     |       |         |         | 2      | 2             |               |                     |
| 08:00 - 08:15                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 08:00 - 09:00 | 4                   |
| 08:15 - 08:30                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 08:15 - 09:15 | 4                   |
| 08:30 - 08:45                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 08:30 - 09:30 | 4                   |
| 08:45 - 09:00                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                             | 4   |      |     |       |       |     |       |         |         | 4      | 4             |               |                     |
| 09:00 - 09:15                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| 09:15 - 09:30                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                             | 2   |      |     |       |       |     |       |         |         | 2      | 2             |               |                     |
| 12:00 - 12:15                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 12:00 - 13:00 | 8                   |
| 12:15 - 12:30                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 12:15 - 13:15 | 8                   |
| 12:30 - 12:45                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 12:30 - 13:30 | 8                   |
| 12:45 - 13:00                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 12:45 - 13:45 | 8                   |
| H/TOT                             | 8   |      |     |       |       |     |       |         |         | 8      | 8             |               |                     |
| 13:00 - 13:15                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 13:00 - 14:00 | 8                   |
| 13:15 - 13:30                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| 13:30 - 13:45                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| 13:45 - 14:00                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| H/TOT                             | 8   |      |     |       |       |     |       |         |         | 8      | 8             |               |                     |
| 16:30 - 16:45                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 16:30 - 17:30 | 4                   |
| 16:45 - 17:00                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 16:45 - 17:45 | 4                   |
| H/TOT                             | 2   |      |     |       |       |     |       |         |         | 2      | 2             |               |                     |
| 17:00 - 17:15                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 17:00 - 18:00 | 4                   |
| 17:15 - 17:30                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 17:15 - 18:15 | 4                   |
| 17:30 - 17:45                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 17:30 - 18:30 | 4                   |
| 17:45 - 18:00                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                             | 4   |      |     |       |       |     |       |         |         | 4      | 4             |               |                     |
| 18:00 - 18:15                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| 18:15 - 18:30                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                             | 2   |      |     |       |       |     |       |         |         | 2      | 2             |               |                     |
| P/TOT                             | 32  | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 32     | 32            |               |                     |

| Peak Period   | PCUs |
|---------------|------|
| 07:30 - 08:30 | 4    |
| 12:30 - 13:30 | 8    |
| 16:45 - 17:45 | 4    |
| Total PCU     | 32   |

| Time          | Hour Total (PCUs/h) |
|---------------|---------------------|
| 07:30 - 07:45 | 4                   |
| 07:45 - 08:00 | 4                   |
| H/TOT         |                     |
| 08:00 - 08:15 | 4                   |
| 08:15 - 08:30 | 4                   |
| 08:30 - 08:45 | 4                   |
| 08:45 - 09:00 |                     |
| H/TOT         |                     |
| 09:00 - 09:15 |                     |
| 09:15 - 09:30 |                     |
| H/TOT         |                     |
| 12:00 - 12:15 | 8                   |
| 12:15 - 12:30 | 8                   |
| 12:30 - 12:45 | 8                   |
| 12:45 - 13:00 | 8                   |
| H/TOT         |                     |
| 13:00 - 13:15 | 8                   |
| 13:15 - 13:30 |                     |
| 13:30 - 13:45 |                     |
| 13:45 - 14:00 |                     |
| H/TOT         |                     |
| 16:30 - 16:45 | 4                   |
| 16:45 - 17:00 | 4                   |
| H/TOT         |                     |
| 17:00 - 17:15 | 4                   |
| 17:15 - 17:30 | 4                   |
| 17:30 - 17:45 | 4                   |
| 17:45 - 18:00 |                     |
| H/TOT         |                     |
| 18:00 - 18:15 |                     |
| 18:15 - 18:30 |                     |
| H/TOT         |                     |
| P/TOT         |                     |

Hayes Hyde Park  
The Parkway/Hayes Road/N Hyde Road  
Tuesday 19th June 2012  
07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

|      |
|------|
| PCUs |
| 148  |
| 221  |
| 252  |
| 1221 |

A into D

| The Parkway (N) Southbound right into North Hyde Road (W) |      |     |       |       |     |       |         |         |        |               |               |                     |
|-----------------------------------------------------------|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Car                                                       | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 28                                                        | 0    | 5   | 1     | 1     | 0   | 0     | 1       | 0       | 36     | 37            | 07:30 - 08:30 | 148                 |
| 30                                                        | 0    | 4   | 1     | 1     | 0   | 0     | 0       | 0       | 36     | 38            | 07:45 - 08:45 | 152                 |
| 53                                                        |      | 9   | 2     | 2     |     |       | 1       |         | 72     | 75            |               |                     |
| 29                                                        | 0    | 4   | 1     | 1     | 0   | 0     | 0       | 0       | 35     | 37            | 08:00 - 09:00 | 149                 |
| 26                                                        | 0    | 4   | 2     | 1     | 0   | 0     | 1       | 0       | 34     | 36            | 08:15 - 09:15 | 142                 |
| 31                                                        | 0    | 4   | 2     | 1     | 0   | 0     | 1       | 0       | 39     | 41            | 08:30 - 09:30 | 136                 |
| 25                                                        | 0    | 4   | 1     | 1     | 0   | 1     | 0       | 0       | 32     | 35            |               |                     |
| 100                                                       |      | 15  | 6     | 4     |     | 1     | 2       |         | 140    | 149           |               |                     |
| 22                                                        | 0    | 4   | 1     | 1     | 0   | 0     | 0       | 0       | 28     | 30            |               |                     |
| 21                                                        | 0    | 3   | 2     | 1     | 0   | 0     | 1       | 0       | 28     | 30            |               |                     |
| 39                                                        |      | 6   | 2     | 2     |     |       | 1       |         | 56     | 60            |               |                     |
| 40                                                        | 0    | 9   | 3     | 1     | 0   | 0     | 0       | 0       | 53     | 56            | 12:00 - 13:00 | 216                 |
| 36                                                        | 0    | 8   | 3     | 1     | 0   | 0     | 0       | 0       | 48     | 51            | 12:15 - 13:15 | 217                 |
| 38                                                        | 1    | 7   | 3     | 2     | 0   | 0     | 0       | 0       | 51     | 55            | 12:30 - 13:30 | 221                 |
| 39                                                        | 0    | 8   | 3     | 1     | 0   | 0     | 1       | 0       | 52     | 54            | 12:45 - 13:45 | 222                 |
| 194                                                       | 2    | 41  | 14    | 7     |     | 1     | 2       |         | 204    | 216           |               |                     |
| 40                                                        | 0    | 7   | 3     | 2     | 0   | 0     | 1       | 0       | 53     | 57            | 13:00 - 14:00 | 226                 |
| 40                                                        | 1    | 7   | 3     | 1     | 0   | 0     | 0       | 0       | 52     | 55            |               |                     |
| 39                                                        | 0    | 8   | 4     | 1     | 0   | 0     | 1       | 0       | 53     | 56            |               |                     |
| 39                                                        | 0    | 9   | 3     | 2     | 0   | 0     | 1       | 0       | 54     | 58            |               |                     |
| 202                                                       | 2    | 40  | 17    | 7     |     | 1     | 3       |         | 212    | 226           |               |                     |
| 48                                                        | 0    | 7   | 1     | 0     | 0   | 1     | 1       | 0       | 58     | 59            | 16:30 - 17:30 | 238                 |
| 49                                                        | 0    | 9   | 2     | 0     | 0   | 0     | 1       | 0       | 61     | 61            | 16:45 - 17:45 | 252                 |
| 78                                                        |      | 13  | 2     |       |     | 1     | 1       |         | 119    | 120           |               |                     |
| 47                                                        | 0    | 6   | 2     | 0     | 0   | 0     | 2       | 0       | 57     | 57            | 17:00 - 18:00 | 253                 |
| 53                                                        | 0    | 6   | 1     | 0     | 0   | 0     | 2       | 0       | 62     | 61            | 17:15 - 18:15 | 258                 |
| 62                                                        | 0    | 7   | 1     | 1     | 0   | 0     | 1       | 0       | 72     | 73            | 17:30 - 18:30 | 257                 |
| 51                                                        | 0    | 7   | 2     | 0     | 0   | 0     | 2       | 0       | 62     | 62            |               |                     |
| 173                                                       |      | 21  | 4     |       |     |       | 4       |         | 253    | 253           |               |                     |
| 52                                                        | 0    | 8   | 1     | 0     | 0   | 0     | 1       | 0       | 62     | 62            |               |                     |
| 55                                                        | 0    | 5   | 0     | 0     | 0   | 0     | 1       | 0       | 61     | 60            |               |                     |
| 86                                                        |      | 11  | 1     |       |     |       | 2       |         | 123    | 122           |               |                     |
| 925                                                       | 4    | 156 | 48    | 22    | 0   | 4     | 16      | 0       | 1179   | 1221          |               |                     |

**Title** Hayes Hyde Park  
**Site** The Parkway/Hayes Road/N Hyde Road  
**Date** Tuesday 19th June 2012  
**Time** 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Peak Period      | PCUs        |
|------------------|-------------|
| 07:30 - 08:30    | 141         |
| 12:30 - 13:30    | 258         |
| 16:45 - 17:45    | 349         |
| <b>Total PCU</b> | <b>1475</b> |

**B into A**

| Hayes Road (E) Westbound right into The Parkway (N) |             |          |            |           |           |           |          |          |          |             |               |               |                     |
|-----------------------------------------------------|-------------|----------|------------|-----------|-----------|-----------|----------|----------|----------|-------------|---------------|---------------|---------------------|
| Time                                                | Car         | Taxi     | LGV        | OGV 1     | OGV 2     | Bus       | Coach    | M/Cycle  | P/Cycle  | Totals      | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                                       | 21          | 0        | 8          | 2         | 1         | 1         | 1        | 0        | 0        | 34          | 38            | 07:30 - 08:30 | 141                 |
| 07:45 - 08:00                                       | 27          | 0        | 6          | 1         | 1         | 0         | 0        | 0        | 0        | 35          | 37            | 07:45 - 08:45 | 130                 |
| <b>HTOT</b>                                         | <b>48</b>   | <b>0</b> | <b>14</b>  | <b>3</b>  | <b>2</b>  | <b>1</b>  | <b>1</b> | <b>0</b> | <b>0</b> | <b>69</b>   | <b>75</b>     |               |                     |
| 08:00 - 08:15                                       | 21          | 0        | 7          | 1         | 0         | 0         | 0        | 0        | 0        | 29          | 30            | 08:00 - 09:00 | 120                 |
| 08:15 - 08:30                                       | 26          | 0        | 6          | 1         | 0         | 1         | 0        | 0        | 0        | 34          | 36            | 08:15 - 09:15 | 123                 |
| 08:30 - 08:45                                       | 16          | 0        | 7          | 1         | 1         | 0         | 0        | 0        | 0        | 25          | 27            | 08:30 - 09:30 | 109                 |
| 08:45 - 09:00                                       | 18          | 0        | 5          | 1         | 0         | 1         | 0        | 0        | 0        | 25          | 27            |               |                     |
| <b>HTOT</b>                                         | <b>81</b>   | <b>0</b> | <b>25</b>  | <b>4</b>  | <b>1</b>  | <b>2</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>113</b>  | <b>120</b>    |               |                     |
| 09:00 - 09:15                                       | 20          | 0        | 6          | 2         | 1         | 1         | 0        | 0        | 0        | 30          | 33            |               |                     |
| 09:15 - 09:30                                       | 14          | 0        | 6          | 1         | 0         | 0         | 0        | 0        | 0        | 21          | 22            |               |                     |
| <b>HTOT</b>                                         | <b>34</b>   | <b>0</b> | <b>12</b>  | <b>3</b>  | <b>1</b>  | <b>1</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>51</b>   | <b>55</b>     |               |                     |
| 12:00 - 12:15                                       | 42          | 0        | 11         | 1         | 3         | 1         | 0        | 0        | 0        | 58          | 63            | 12:00 - 13:00 | 259                 |
| 12:15 - 12:30                                       | 48          | 0        | 10         | 3         | 2         | 0         | 0        | 1        | 0        | 64          | 68            | 12:15 - 13:15 | 255                 |
| 12:30 - 12:45                                       | 46          | 0        | 14         | 4         | 1         | 1         | 0        | 0        | 0        | 66          | 70            | 12:30 - 13:30 | 258                 |
| 12:45 - 13:00                                       | 43          | 0        | 8          | 3         | 1         | 0         | 0        | 0        | 0        | 55          | 58            | 12:45 - 13:45 | 254                 |
| <b>HTOT</b>                                         | <b>179</b>  | <b>0</b> | <b>43</b>  | <b>11</b> | <b>7</b>  | <b>2</b>  | <b>0</b> | <b>1</b> | <b>0</b> | <b>243</b>  | <b>259</b>    |               |                     |
| 13:00 - 13:15                                       | 44          | 0        | 9          | 1         | 1         | 1         | 0        | 1        | 0        | 57          | 59            | 13:00 - 14:00 | 260                 |
| 13:15 - 13:30                                       | 55          | 0        | 9          | 2         | 1         | 1         | 0        | 0        | 0        | 68          | 71            |               |                     |
| 13:30 - 13:45                                       | 47          | 0        | 10         | 3         | 1         | 1         | 0        | 0        | 0        | 62          | 66            |               |                     |
| 13:45 - 14:00                                       | 50          | 0        | 8          | 2         | 1         | 0         | 0        | 1        | 0        | 62          | 64            |               |                     |
| <b>HTOT</b>                                         | <b>196</b>  | <b>0</b> | <b>36</b>  | <b>8</b>  | <b>4</b>  | <b>3</b>  | <b>0</b> | <b>2</b> | <b>0</b> | <b>249</b>  | <b>260</b>    |               |                     |
| 16:30 - 16:45                                       | 70          | 0        | 11         | 2         | 0         | 1         | 0        | 0        | 0        | 84          | 86            | 16:30 - 17:30 | 339                 |
| 16:45 - 17:00                                       | 47          | 0        | 8          | 1         | 1         | 1         | 0        | 0        | 0        | 58          | 61            | 16:45 - 17:45 | 349                 |
| <b>HTOT</b>                                         | <b>117</b>  | <b>0</b> | <b>19</b>  | <b>3</b>  | <b>1</b>  | <b>2</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>142</b>  | <b>147</b>    |               |                     |
| 17:00 - 17:15                                       | 87          | 0        | 8          | 2         | 1         | 1         | 0        | 0        | 0        | 99          | 102           | 17:00 - 18:00 | 375                 |
| 17:15 - 17:30                                       | 74          | 0        | 10         | 1         | 1         | 1         | 0        | 1        | 0        | 88          | 90            | 17:15 - 18:15 | 375                 |
| 17:30 - 17:45                                       | 87          | 0        | 7          | 0         | 0         | 1         | 0        | 0        | 0        | 95          | 96            | 17:30 - 18:30 | 367                 |
| 17:45 - 18:00                                       | 75          | 0        | 6          | 1         | 1         | 1         | 0        | 0        | 0        | 84          | 87            |               |                     |
| <b>HTOT</b>                                         | <b>323</b>  | <b>0</b> | <b>31</b>  | <b>4</b>  | <b>3</b>  | <b>4</b>  | <b>0</b> | <b>1</b> | <b>0</b> | <b>366</b>  | <b>375</b>    |               |                     |
| 18:00 - 18:15                                       | 85          | 0        | 12         | 0         | 1         | 1         | 0        | 1        | 0        | 100         | 102           |               |                     |
| 18:15 - 18:30                                       | 68          | 0        | 10         | 1         | 0         | 1         | 0        | 1        | 0        | 81          | 82            |               |                     |
| <b>HTOT</b>                                         | <b>153</b>  | <b>0</b> | <b>22</b>  | <b>1</b>  | <b>1</b>  | <b>2</b>  | <b>0</b> | <b>2</b> | <b>0</b> | <b>181</b>  | <b>184</b>    |               |                     |
| <b>PTOT</b>                                         | <b>1131</b> | <b>0</b> | <b>202</b> | <b>37</b> | <b>20</b> | <b>17</b> | <b>1</b> | <b>6</b> | <b>0</b> | <b>1414</b> | <b>1475</b>   |               |                     |

**Title** Hayes Hyde Park  
**Site** The Parkway/Hayes Road/N Hyde Road  
**Date** Tuesday 19th June 2012  
**Time** 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Peak Period   | PCUs |
|---------------|------|
| 07:30 - 08:30 | 388  |
| 12:30 - 13:30 | 394  |
| 16:45 - 17:45 | 403  |
| Total PCU     | 2263 |

B into C

| Hayes Road (E) Westbound left into The Parkway (S) |      |      |     |       |       |     |       |         |         |        |               |               |                     |
|----------------------------------------------------|------|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Time                                               | Car  | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                                      | 52   | 0    | 19  | 3     | 4     | 2   | 1     | 0       | 0       | 81     | 91            | 07:30 - 08:30 | 388                 |
| 07:45 - 08:00                                      | 70   | 0    | 20  | 3     | 4     | 0   | 2     | 0       | 0       | 99     | 108           | 07:45 - 08:45 | 386                 |
| H/TOT                                              | 122  |      | 39  | 6     | 8     | 2   | 3     |         |         | 180    | 199           |               |                     |
| 08:00 - 08:15                                      | 63   | 0    | 21  | 4     | 2     | 0   | 0     | 0       | 0       | 90     | 95            | 08:00 - 09:00 | 358                 |
| 08:15 - 08:30                                      | 66   | 0    | 15  | 1     | 3     | 0   | 2     | 1       | 0       | 88     | 94            | 08:15 - 09:15 | 333                 |
| 08:30 - 08:45                                      | 54   | 0    | 21  | 3     | 4     | 0   | 0     | 0       | 0       | 82     | 89            | 08:30 - 09:30 | 311                 |
| 08:45 - 09:00                                      | 52   | 0    | 19  | 6     | 0     | 0   | 0     | 0       | 0       | 77     | 80            |               |                     |
| H/TOT                                              | 235  |      | 76  | 14    | 9     |     | 2     | 1       |         | 337    | 358           |               |                     |
| 09:00 - 09:15                                      | 48   | 0    | 12  | 5     | 1     | 0   | 0     | 0       | 0       | 66     | 70            |               |                     |
| 09:15 - 09:30                                      | 47   | 0    | 14  | 6     | 1     | 0   | 0     | 0       | 0       | 68     | 72            |               |                     |
| H/TOT                                              | 95   |      | 26  | 11    | 2     |     |       |         |         | 134    | 142           |               |                     |
| 12:00 - 12:15                                      | 56   | 0    | 24  | 1     | 9     | 0   | 1     | 0       | 0       | 91     | 104           | 12:00 - 13:00 | 404                 |
| 12:15 - 12:30                                      | 62   | 0    | 18  | 5     | 4     | 0   | 0     | 0       | 0       | 89     | 97            | 12:15 - 13:15 | 392                 |
| 12:30 - 12:45                                      | 71   | 0    | 23  | 5     | 4     | 0   | 0     | 1       | 0       | 104    | 111           | 12:30 - 13:30 | 394                 |
| 12:45 - 13:00                                      | 69   | 0    | 12  | 4     | 2     | 0   | 0     | 0       | 0       | 87     | 92            | 12:45 - 13:45 | 384                 |
| H/TOT                                              | 258  |      | 77  | 15    | 19    |     | 1     | 1       |         | 371    | 404           |               |                     |
| 13:00 - 13:15                                      | 61   | 1    | 16  | 3     | 3     | 0   | 1     | 1       | 0       | 86     | 92            | 13:00 - 14:00 | 394                 |
| 13:15 - 13:30                                      | 78   | 0    | 16  | 2     | 0     | 0   | 1     | 1       | 0       | 98     | 99            |               |                     |
| 13:30 - 13:45                                      | 68   | 0    | 23  | 5     | 1     | 0   | 0     | 1       | 0       | 98     | 101           |               |                     |
| 13:45 - 14:00                                      | 81   | 0    | 12  | 3     | 1     | 0   | 1     | 0       | 0       | 98     | 102           |               |                     |
| H/TOT                                              | 288  | 1    | 67  | 13    | 5     |     | 3     | 3       |         | 380    | 394           |               |                     |
| 16:30 - 16:45                                      | 76   | 0    | 15  | 5     | 0     | 0   | 0     | 0       | 0       | 96     | 99            | 16:30 - 17:30 | 393                 |
| 16:45 - 17:00                                      | 84   | 0    | 11  | 3     | 2     | 0   | 0     | 0       | 0       | 100    | 104           | 16:45 - 17:45 | 403                 |
| H/TOT                                              | 160  |      | 26  | 8     | 2     |     |       |         |         | 196    | 203           |               |                     |
| 17:00 - 17:15                                      | 80   | 1    | 13  | 2     | 1     | 0   | 1     | 0       | 0       | 98     | 101           | 17:00 - 18:00 | 373                 |
| 17:15 - 17:30                                      | 71   | 0    | 11  | 0     | 3     | 0   | 0     | 1       | 0       | 86     | 89            | 17:15 - 18:15 | 370                 |
| 17:30 - 17:45                                      | 94   | 0    | 10  | 0     | 1     | 0   | 1     | 1       | 0       | 107    | 109           | 17:30 - 18:30 | 373                 |
| 17:45 - 18:00                                      | 62   | 0    | 7   | 2     | 1     | 0   | 0     | 0       | 0       | 72     | 74            |               |                     |
| H/TOT                                              | 307  | 1    | 41  | 4     | 6     |     | 2     | 2       |         | 363    | 373           |               |                     |
| 18:00 - 18:15                                      | 81   | 0    | 12  | 0     | 2     | 0   | 0     | 1       | 0       | 96     | 98            |               |                     |
| 18:15 - 18:30                                      | 76   | 0    | 14  | 0     | 1     | 0   | 0     | 0       | 0       | 91     | 92            |               |                     |
| H/TOT                                              | 157  |      | 26  |       | 3     |     |       | 1       |         | 187    | 190           |               |                     |
| P/TOT                                              | 1622 | 2    | 378 | 71    | 54    | 2   | 11    | 8       | 0       | 2148   | 2263          |               |                     |

Title Hayes Hyde Park  
Site The Parkway/Hayes Road/N Hyde Road  
Date Tuesday 19th June 2012  
Time 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

Title  
Site  
Date  
Time

| Peak Period   | PCUs |
|---------------|------|
| 07:30 - 08:30 | 0    |
| 12:30 - 13:30 | 1    |
| 16:45 - 17:45 | 3    |
| Total PCU     | 9    |

B into B

| Hayes Road (E) Westbound U turn |     |      |     |       |       |     |       |         |         |        |               |               |                     |
|---------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Time                            | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                   | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 07:30 - 08:30 | 0                   |
| 07:45 - 08:00                   | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 07:45 - 08:45 | 0                   |
| H/TOT                           |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| 08:00 - 08:15                   | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 08:00 - 09:00 | 0                   |
| 08:15 - 08:30                   | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 08:15 - 09:15 | 0                   |
| 08:30 - 08:45                   | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 08:30 - 09:30 | 0                   |
| 08:45 - 09:00                   | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| H/TOT                           |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| 09:00 - 09:15                   | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| 09:15 - 09:30                   | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| H/TOT                           |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| 12:00 - 12:15                   | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 12:00 - 13:00 | 0                   |
| 12:15 - 12:30                   | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 12:15 - 13:15 | 0                   |
| 12:30 - 12:45                   | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 12:30 - 13:30 | 1                   |
| 12:45 - 13:00                   | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 12:45 - 13:45 | 1                   |
| H/TOT                           |     |      |     |       |       |     |       |         |         |        |               |               |                     |
| 13:00 - 13:15                   | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 13:00 - 14:00 | 2                   |
| 13:15 - 13:30                   | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| 13:30 - 13:45                   | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             |               |                     |
| 13:45 - 14:00                   | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                           | 2   |      |     |       |       |     |       |         |         | 2      | 2             |               |                     |
| 16:30 - 16:45                   | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 16:30 - 17:30 | 3                   |
| 16:45 - 17:00                   | 0   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 0      | 0             | 16:45 - 17:45 | 3                   |
| H/TOT                           | 1   |      |     |       |       |     |       |         |         | 1      | 1             |               |                     |
| 17:00 - 17:15                   | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 17:00 - 18:00 | 4                   |
| 17:15 - 17:30                   | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 17:15 - 18:15 | 4                   |
| 17:30 - 17:45                   | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 17:30 - 18:30 | 4                   |
| 17:45 - 18:00                   | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                           | 4   |      |     |       |       |     |       |         |         | 4      | 4             |               |                     |
| 18:00 - 18:15                   | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| 18:15 - 18:30                   | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                           | 2   |      |     |       |       |     |       |         |         | 2      | 2             |               |                     |
| P/TOT                           | 9   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 9      | 9             |               |                     |

| Peak Period   | PCUs |
|---------------|------|
| 07:30 - 08:30 | 0    |
| 12:30 - 13:30 | 1    |
| 16:45 - 17:45 | 3    |
| Total PCU     | 9    |

| Time          | Hour Total (PCUs/h) |
|---------------|---------------------|
| 07:30 - 07:45 |                     |
| 07:45 - 08:00 |                     |
| H/TOT         |                     |
| 08:00 - 08:15 |                     |
| 08:15 - 08:30 |                     |
| 08:30 - 08:45 |                     |
| 08:45 - 09:00 |                     |
| H/TOT         |                     |
| 09:00 - 09:15 |                     |
| 09:15 - 09:30 |                     |
| H/TOT         |                     |
| 12:00 - 12:15 |                     |
| 12:15 - 12:30 |                     |
| 12:30 - 12:45 |                     |
| 12:45 - 13:00 |                     |
| H/TOT         |                     |
| 13:00 - 13:15 |                     |
| 13:15 - 13:30 |                     |
| 13:30 - 13:45 |                     |
| 13:45 - 14:00 |                     |
| H/TOT         |                     |
| 16:30 - 16:45 |                     |
| 16:45 - 17:00 |                     |
| H/TOT         |                     |
| 17:00 - 17:15 |                     |
| 17:15 - 17:30 |                     |
| 17:30 - 17:45 |                     |
| 17:45 - 18:00 |                     |
| H/TOT         |                     |
| 18:00 - 18:15 |                     |
| 18:15 - 18:30 |                     |
| H/TOT         |                     |
| P/TOT         |                     |

Hayes Hyde Park  
The Parkway/Hayes Road/N Hyde Road  
Tuesday 19th June 2012  
07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

|      |
|------|
| PCUs |
| 430  |
| 437  |
| 445  |
| 2538 |

**B into D**

| Hayes Road (E) Westbound straight into North Hyde Road (W) |      |     |       |       |     |       |         |         |        |               |               |                     |
|------------------------------------------------------------|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Car                                                        | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 63                                                         | 0    | 25  | 7     | 2     | 2   | 2     | 0       | 1       | 102    | 111           | 07:30 - 08:30 | 430                 |
| 82                                                         | 0    | 20  | 4     | 2     | 0   | 1     | 0       | 0       | 109    | 115           | 07:45 - 08:45 | 402                 |
| 145                                                        |      | 45  | 11    | 4     | 2   | 3     |         | 1       | 211    | 226           |               |                     |
| 65                                                         | 0    | 22  | 4     | 1     | 1   | 0     | 0       | 0       | 93     | 97            | 08:00 - 09:00 | 369                 |
| 79                                                         | 0    | 18  | 2     | 1     | 2   | 0     | 1       | 0       | 103    | 107           | 08:15 - 09:15 | 371                 |
| 49                                                         | 0    | 23  | 3     | 2     | 0   | 1     | 0       | 0       | 78     | 83            | 08:30 - 09:30 | 334                 |
| 56                                                         | 0    | 16  | 4     | 0     | 2   | 0     | 0       | 0       | 78     | 82            |               |                     |
| 249                                                        |      | 79  | 13    | 4     | 5   | 1     | 1       |         | 352    | 369           |               |                     |
| 61                                                         | 0    | 20  | 6     | 2     | 2   | 0     | 0       | 0       | 91     | 99            |               |                     |
| 44                                                         | 0    | 17  | 3     | 1     | 1   | 0     | 0       | 0       | 66     | 70            |               |                     |
| 105                                                        |      | 37  | 9     | 3     | 3   |       |         |         | 157    | 169           |               |                     |
| 70                                                         | 0    | 18  | 2     | 4     | 2   | 1     | 1       | 0       | 98     | 107           | 12:00 - 13:00 | 439                 |
| 80                                                         | 0    | 16  | 5     | 3     | 1   | 0     | 1       | 0       | 106    | 113           | 12:15 - 13:15 | 431                 |
| 77                                                         | 0    | 23  | 7     | 2     | 2   | 0     | 1       | 0       | 112    | 120           | 12:30 - 13:30 | 437                 |
| 71                                                         | 0    | 14  | 5     | 2     | 1   | 0     | 0       | 0       | 93     | 99            | 12:45 - 13:45 | 426                 |
| 298                                                        |      | 71  | 19    | 11    | 6   | 1     | 3       |         | 409    | 439           |               |                     |
| 74                                                         | 0    | 15  | 2     | 2     | 1   | 0     | 1       | 0       | 95     | 99            | 13:00 - 14:00 | 432                 |
| 91                                                         | 0    | 15  | 4     | 1     | 2   | 0     | 1       | 0       | 114    | 119           |               |                     |
| 78                                                         | 0    | 17  | 5     | 2     | 1   | 0     | 0       | 1       | 104    | 109           |               |                     |
| 83                                                         | 0    | 14  | 3     | 1     | 0   | 0     | 2       | 0       | 103    | 105           |               |                     |
| 326                                                        |      | 61  | 14    | 6     | 4   |       | 4       | 1       | 416    | 432           |               |                     |
| 90                                                         | 0    | 14  | 3     | 0     | 1   | 0     | 0       | 0       | 108    | 111           | 16:30 - 17:30 | 432                 |
| 60                                                         | 0    | 11  | 2     | 1     | 1   | 0     | 0       | 0       | 75     | 78            | 16:45 - 17:45 | 445                 |
| 150                                                        |      | 25  | 5     | 1     | 2   |       |         |         | 183    | 189           |               |                     |
| 111                                                        | 0    | 10  | 2     | 1     | 1   | 0     | 0       | 0       | 125    | 128           | 17:00 - 18:00 | 478                 |
| 94                                                         | 0    | 13  | 2     | 1     | 1   | 0     | 2       | 0       | 113    | 115           | 17:15 - 18:15 | 482                 |
| 111                                                        | 0    | 9   | 0     | 0     | 2   | 0     | 0       | 0       | 122    | 124           | 17:30 - 18:30 | 471                 |
| 97                                                         | 0    | 7   | 2     | 1     | 1   | 0     | 0       | 0       | 108    | 111           |               |                     |
| 413                                                        |      | 39  | 6     | 3     | 5   |       | 2       |         | 468    | 478           |               |                     |
| 109                                                        | 0    | 16  | 0     | 1     | 2   | 0     | 2       | 0       | 130    | 132           |               |                     |
| 87                                                         | 0    | 13  | 1     | 0     | 1   | 0     | 1       | 0       | 103    | 104           |               |                     |
| 196                                                        |      | 29  | 1     | 1     | 3   |       | 3       |         | 233    | 236           |               |                     |
| 1882                                                       | 0    | 386 | 78    | 33    | 30  | 5     | 13      | 2       | 2429   | 2538          |               |                     |

**Title** Hayes Hyde Park  
**Site** The Parkway/Hayes Road/N Hyde Road  
**Date** Tuesday 19th June 2012  
**Time** 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Peak Period      | PCUs         |
|------------------|--------------|
| 07:30 - 08:30    | 1596         |
| 12:30 - 13:30    | 1748         |
| 16:45 - 17:45    | 2077         |
| <b>Total PCU</b> | <b>10472</b> |

**C into A**

| The Parkway (S) Northbound straight into The Parkway (N) |             |           |             |            |            |          |           |            |          |              |               |               |                     |
|----------------------------------------------------------|-------------|-----------|-------------|------------|------------|----------|-----------|------------|----------|--------------|---------------|---------------|---------------------|
| Time                                                     | Car         | Taxi      | LGV         | OGV 1      | OGV 2      | Bus      | Coach     | M/Cycle    | P/Cycle  | Totals       | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                                            | 316         | 0         | 61          | 17         | 10         | 0        | 1         | 5          | 1        | 411          | 430           | 07:30 - 08:30 | 1596                |
| 07:45 - 08:00                                            | 303         | 0         | 49          | 15         | 9          | 0        | 1         | 4          | 0        | 381          | 399           | 07:45 - 08:45 | 1479                |
| <b>H/TOT</b>                                             | <b>619</b>  |           | <b>110</b>  | <b>32</b>  | <b>19</b>  |          | <b>2</b>  | <b>9</b>   | <b>1</b> | <b>792</b>   | <b>829</b>    |               |                     |
| 08:00 - 08:15                                            | 293         | 1         | 53          | 11         | 9          | 0        | 0         | 6          | 0        | 373          | 387           | 08:00 - 09:00 | 1469                |
| 08:15 - 08:30                                            | 282         | 0         | 42          | 16         | 11         | 0        | 2         | 6          | 0        | 359          | 380           | 08:15 - 09:15 | 1498                |
| 08:30 - 08:45                                            | 237         | 1         | 39          | 10         | 8          | 0        | 1         | 2          | 0        | 298          | 313           | 08:30 - 09:30 | 1459                |
| 08:45 - 09:00                                            | 283         | 1         | 47          | 19         | 10         | 0        | 3         | 2          | 0        | 365          | 389           |               |                     |
| <b>H/TOT</b>                                             | <b>1095</b> | <b>3</b>  | <b>181</b>  | <b>56</b>  | <b>38</b>  |          | <b>6</b>  | <b>16</b>  |          | <b>1395</b>  | <b>1469</b>   |               |                     |
| 09:00 - 09:15                                            | 311         | 1         | 49          | 9          | 11         | 1        | 6         | 4          | 1        | 393          | 416           |               |                     |
| 09:15 - 09:30                                            | 235         | 1         | 55          | 14         | 11         | 0        | 1         | 3          | 0        | 320          | 341           |               |                     |
| <b>H/TOT</b>                                             | <b>546</b>  | <b>2</b>  | <b>104</b>  | <b>23</b>  | <b>22</b>  | <b>1</b> | <b>7</b>  | <b>7</b>   | <b>1</b> | <b>713</b>   | <b>757</b>    |               |                     |
| 12:00 - 12:15                                            | 239         | 1         | 64          | 16         | 18         | 0        | 2         | 4          | 0        | 344          | 375           | 12:00 - 13:00 | 1644                |
| 12:15 - 12:30                                            | 273         | 1         | 62          | 18         | 11         | 0        | 2         | 0          | 0        | 367          | 392           | 12:15 - 13:15 | 1672                |
| 12:30 - 12:45                                            | 286         | 1         | 63          | 23         | 12         | 0        | 6         | 2          | 0        | 393          | 425           | 12:30 - 13:30 | 1748                |
| 12:45 - 13:00                                            | 323         | 4         | 63          | 18         | 10         | 0        | 6         | 1          | 0        | 425          | 452           | 12:45 - 13:45 | 1737                |
| <b>H/TOT</b>                                             | <b>1121</b> | <b>7</b>  | <b>252</b>  | <b>75</b>  | <b>51</b>  |          | <b>16</b> | <b>7</b>   |          | <b>1529</b>  | <b>1644</b>   |               |                     |
| 13:00 - 13:15                                            | 289         | 1         | 49          | 22         | 10         | 0        | 3         | 5          | 0        | 379          | 403           | 13:00 - 14:00 | 1693                |
| 13:15 - 13:30                                            | 337         | 0         | 52          | 22         | 17         | 0        | 2         | 7          | 0        | 437          | 468           |               |                     |
| 13:30 - 13:45                                            | 305         | 1         | 56          | 17         | 8          | 0        | 3         | 5          | 0        | 395          | 414           |               |                     |
| 13:45 - 14:00                                            | 286         | 1         | 55          | 15         | 16         | 0        | 3         | 2          | 0        | 378          | 408           |               |                     |
| <b>H/TOT</b>                                             | <b>1217</b> | <b>3</b>  | <b>212</b>  | <b>76</b>  | <b>51</b>  |          | <b>11</b> | <b>19</b>  |          | <b>1589</b>  | <b>1693</b>   |               |                     |
| 16:30 - 16:45                                            | 418         | 1         | 52          | 14         | 8          | 1        | 5         | 4          | 1        | 504          | 524           | 16:30 - 17:30 | 2112                |
| 16:45 - 17:00                                            | 426         | 2         | 71          | 11         | 2          | 0        | 7         | 5          | 0        | 524          | 536           | 16:45 - 17:45 | 2077                |
| <b>H/TOT</b>                                             | <b>844</b>  | <b>3</b>  | <b>123</b>  | <b>25</b>  | <b>10</b>  | <b>1</b> | <b>12</b> | <b>9</b>   | <b>1</b> | <b>1028</b>  | <b>1060</b>   |               |                     |
| 17:00 - 17:15                                            | 408         | 1         | 57          | 9          | 7          | 0        | 4         | 12         | 0        | 498          | 508           | 17:00 - 18:00 | 2046                |
| 17:15 - 17:30                                            | 450         | 0         | 59          | 10         | 4          | 0        | 4         | 6          | 0        | 533          | 544           | 17:15 - 18:15 | 2034                |
| 17:30 - 17:45                                            | 411         | 1         | 47          | 9          | 4          | 0        | 2         | 9          | 0        | 483          | 489           | 17:30 - 18:30 | 1968                |
| 17:45 - 18:00                                            | 434         | 2         | 34          | 11         | 5          | 1        | 1         | 7          | 0        | 495          | 505           |               |                     |
| <b>H/TOT</b>                                             | <b>1703</b> | <b>4</b>  | <b>197</b>  | <b>39</b>  | <b>20</b>  | <b>1</b> | <b>11</b> | <b>34</b>  |          | <b>2009</b>  | <b>2046</b>   |               |                     |
| 18:00 - 18:15                                            | 407         | 1         | 46          | 9          | 7          | 0        | 4         | 11         | 0        | 485          | 496           |               |                     |
| 18:15 - 18:30                                            | 409         | 1         | 42          | 5          | 5          | 0        | 2         | 7          | 0        | 471          | 478           |               |                     |
| <b>H/TOT</b>                                             | <b>816</b>  | <b>2</b>  | <b>88</b>   | <b>14</b>  | <b>12</b>  |          | <b>6</b>  | <b>18</b>  |          | <b>956</b>   | <b>974</b>    |               |                     |
| <b>P/TOT</b>                                             | <b>7961</b> | <b>24</b> | <b>1267</b> | <b>340</b> | <b>223</b> | <b>3</b> | <b>71</b> | <b>119</b> | <b>3</b> | <b>10011</b> | <b>10472</b>  |               |                     |

Title Hayes Hyde Park  
Site The Parkway/Hayes Road/N Hyde Road  
Date Tuesday 19th June 2012  
Time 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Peak Period   | PCUs |
|---------------|------|
| 07:30 - 08:30 | 409  |
| 12:30 - 13:30 | 336  |
| 16:45 - 17:45 | 507  |
| Total PCU     | 2415 |

C into B

| The Parkway (S) Northbound right into Hayes Road (E) |      |      |     |       |       |     |       |         |         |        |               |               |                     |
|------------------------------------------------------|------|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Time                                                 | Car  | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                                        | 81   | 0    | 16  | 4     | 3     | 0   | 0     | 1       | 0       | 105    | 110           | 07:30 - 08:30 | 409                 |
| 07:45 - 08:00                                        | 78   | 0    | 12  | 4     | 2     | 0   | 0     | 1       | 0       | 97     | 101           | 07:45 - 08:45 | 380                 |
| H/TOT                                                | 159  |      | 28  | 8     | 5     |     |       | 2       |         | 202    | 211           |               |                     |
| 08:00 - 08:15                                        | 75   | 0    | 14  | 3     | 2     | 0   | 0     | 1       | 0       | 95     | 99            | 08:00 - 09:00 | 380                 |
| 08:15 - 08:30                                        | 72   | 0    | 11  | 4     | 3     | 0   | 1     | 2       | 0       | 93     | 99            | 08:15 - 09:15 | 384                 |
| 08:30 - 08:45                                        | 61   | 0    | 10  | 3     | 2     | 0   | 0     | 1       | 0       | 77     | 81            | 08:30 - 09:30 | 372                 |
| 08:45 - 09:00                                        | 72   | 0    | 12  | 5     | 3     | 0   | 1     | 1       | 0       | 94     | 101           |               |                     |
| H/TOT                                                | 280  |      | 47  | 15    | 10    |     | 2     | 5       |         | 359    | 380           |               |                     |
| 09:00 - 09:15                                        | 79   | 0    | 12  | 2     | 3     | 0   | 1     | 1       | 0       | 98     | 103           |               |                     |
| 09:15 - 09:30                                        | 60   | 0    | 14  | 4     | 3     | 0   | 0     | 1       | 0       | 82     | 87            |               |                     |
| H/TOT                                                | 139  |      | 26  | 6     | 6     |     | 1     | 2       |         | 180    | 190           |               |                     |
| 12:00 - 12:15                                        | 46   | 0    | 12  | 3     | 3     | 0   | 0     | 1       | 0       | 65     | 70            | 12:00 - 13:00 | 313                 |
| 12:15 - 12:30                                        | 53   | 0    | 12  | 3     | 2     | 0   | 0     | 0       | 0       | 70     | 74            | 12:15 - 13:15 | 322                 |
| 12:30 - 12:45                                        | 56   | 0    | 12  | 5     | 2     | 0   | 1     | 0       | 0       | 76     | 82            | 12:30 - 13:30 | 336                 |
| 12:45 - 13:00                                        | 63   | 1    | 12  | 3     | 2     | 0   | 1     | 0       | 0       | 82     | 87            | 12:45 - 13:45 | 336                 |
| H/TOT                                                | 218  | 1    | 48  | 14    | 9     |     | 2     | 1       |         | 293    | 313           |               |                     |
| 13:00 - 13:15                                        | 56   | 0    | 10  | 4     | 2     | 0   | 1     | 1       | 0       | 74     | 79            | 13:00 - 14:00 | 329                 |
| 13:15 - 13:30                                        | 65   | 0    | 10  | 4     | 3     | 0   | 0     | 1       | 0       | 83     | 88            |               |                     |
| 13:30 - 13:45                                        | 59   | 0    | 11  | 3     | 2     | 0   | 1     | 1       | 0       | 77     | 82            |               |                     |
| 13:45 - 14:00                                        | 56   | 0    | 11  | 3     | 3     | 0   | 1     | 0       | 0       | 74     | 80            |               |                     |
| H/TOT                                                | 236  |      | 42  | 14    | 10    |     | 3     | 3       |         | 308    | 329           |               |                     |
| 16:30 - 16:45                                        | 101  | 0    | 13  | 3     | 2     | 0   | 1     | 1       | 0       | 121    | 126           | 16:30 - 17:30 | 514                 |
| 16:45 - 17:00                                        | 103  | 1    | 17  | 3     | 1     | 0   | 2     | 1       | 0       | 128    | 132           | 16:45 - 17:45 | 507                 |
| H/TOT                                                | 204  | 1    | 30  | 6     | 3     |     | 3     | 2       |         | 249    | 258           |               |                     |
| 17:00 - 17:15                                        | 99   | 0    | 14  | 2     | 2     | 0   | 1     | 3       | 0       | 121    | 124           | 17:00 - 18:00 | 497                 |
| 17:15 - 17:30                                        | 109  | 0    | 14  | 3     | 1     | 0   | 1     | 1       | 0       | 129    | 132           | 17:15 - 18:15 | 494                 |
| 17:30 - 17:45                                        | 100  | 0    | 11  | 2     | 1     | 0   | 1     | 2       | 0       | 117    | 119           | 17:30 - 18:30 | 478                 |
| 17:45 - 18:00                                        | 105  | 1    | 8   | 3     | 1     | 0   | 0     | 2       | 0       | 120    | 122           |               |                     |
| H/TOT                                                | 413  | 1    | 47  | 10    | 5     |     | 3     | 8       |         | 487    | 497           |               |                     |
| 18:00 - 18:15                                        | 99   | 0    | 11  | 2     | 2     | 0   | 1     | 3       | 0       | 118    | 121           |               |                     |
| 18:15 - 18:30                                        | 99   | 0    | 10  | 1     | 1     | 0   | 1     | 2       | 0       | 114    | 116           |               |                     |
| H/TOT                                                | 198  |      | 21  | 3     | 3     |     | 2     | 5       |         | 232    | 237           |               |                     |
| P/TOT                                                | 1847 | 3    | 289 | 76    | 51    | 0   | 16    | 28      | 0       | 2310   | 2415          |               |                     |

Title Hayes Hyde Park  
Site The Parkway/Hayes Road/N Hyde Road  
Date Tuesday 19th June 2012  
Time 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

Title  
Site  
Date  
Time

| Peak Period   | PCUs |
|---------------|------|
| 07:30 - 08:30 | 8    |
| 12:30 - 13:30 | 8    |
| 16:45 - 17:45 | 5    |
| Total PCU     | 41   |

C into C

| The Parkway (S) Northbound U turn |     |      |     |       |       |     |       |         |         |        |               |               |                     |
|-----------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Time                              | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 07:30 - 08:30 | 8                   |
| 07:45 - 08:00                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 07:45 - 08:45 | 8                   |
| H/TOT                             | 4   |      |     |       |       |     |       |         |         | 4      | 4             |               |                     |
| 08:00 - 08:15                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 08:00 - 09:00 | 8                   |
| 08:15 - 08:30                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 08:15 - 09:15 | 8                   |
| 08:30 - 08:45                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 08:30 - 09:30 | 8                   |
| 08:45 - 09:00                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| H/TOT                             | 8   |      |     |       |       |     |       |         |         | 8      | 8             |               |                     |
| 09:00 - 09:15                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| 09:15 - 09:30                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| H/TOT                             | 4   |      |     |       |       |     |       |         |         | 4      | 4             |               |                     |
| 12:00 - 12:15                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 12:00 - 13:00 | 8                   |
| 12:15 - 12:30                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 12:15 - 13:15 | 8                   |
| 12:30 - 12:45                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 12:30 - 13:30 | 8                   |
| 12:45 - 13:00                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 12:45 - 13:45 | 8                   |
| H/TOT                             | 8   |      |     |       |       |     |       |         |         | 8      | 8             |               |                     |
| 13:00 - 13:15                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 13:00 - 14:00 | 8                   |
| 13:15 - 13:30                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| 13:30 - 13:45                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| 13:45 - 14:00                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| H/TOT                             | 8   |      |     |       |       |     |       |         |         | 8      | 8             |               |                     |
| 16:30 - 16:45                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 16:30 - 17:30 | 5                   |
| 16:45 - 17:00                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 16:45 - 17:45 | 5                   |
| H/TOT                             | 2   |      |     |       |       |     |       |         |         | 2      | 2             |               |                     |
| 17:00 - 17:15                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 17:00 - 18:00 | 5                   |
| 17:15 - 17:30                     | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 17:15 - 18:15 | 5                   |
| 17:30 - 17:45                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 17:30 - 18:30 | 4                   |
| 17:45 - 18:00                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                             | 5   |      |     |       |       |     |       |         |         | 5      | 5             |               |                     |
| 18:00 - 18:15                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| 18:15 - 18:30                     | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                             | 2   |      |     |       |       |     |       |         |         | 2      | 2             |               |                     |
| P/TOT                             | 41  | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 41     | 41            |               |                     |

| Peak Period   | PCUs |
|---------------|------|
| 07:30 - 08:30 | 8    |
| 12:30 - 13:30 | 8    |
| 16:45 - 17:45 | 5    |
| Total PCU     | 41   |

| Time          | Hour Total (PCUs/h) |
|---------------|---------------------|
| 07:30 - 07:45 | 8                   |
| 07:45 - 08:00 | 8                   |
| H/TOT         |                     |
| 08:00 - 08:15 | 8                   |
| 08:15 - 08:30 | 8                   |
| 08:30 - 08:45 | 8                   |
| 08:45 - 09:00 |                     |
| H/TOT         |                     |
| 09:00 - 09:15 |                     |
| 09:15 - 09:30 |                     |
| H/TOT         |                     |
| 12:00 - 12:15 | 8                   |
| 12:15 - 12:30 | 8                   |
| 12:30 - 12:45 | 8                   |
| 12:45 - 13:00 | 8                   |
| H/TOT         |                     |
| 13:00 - 13:15 | 8                   |
| 13:15 - 13:30 |                     |
| 13:30 - 13:45 |                     |
| 13:45 - 14:00 |                     |
| H/TOT         |                     |
| 16:30 - 16:45 | 5                   |
| 16:45 - 17:00 | 5                   |
| H/TOT         |                     |
| 17:00 - 17:15 | 5                   |
| 17:15 - 17:30 | 5                   |
| 17:30 - 17:45 | 4                   |
| 17:45 - 18:00 |                     |
| H/TOT         |                     |
| 18:00 - 18:15 |                     |
| 18:15 - 18:30 |                     |
| H/TOT         |                     |
| P/TOT         |                     |

Hayes Hyde Park  
The Parkway/Hayes Road/N Hyde Road  
Tuesday 19th June 2012  
07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

|      |
|------|
| PCUs |
| 231  |
| 210  |
| 185  |
| 1228 |

C into D

| The Parkway (S) Northbound left into North Hyde Road (W) |      |     |       |       |     |       |         |         |        |               |               |                     |
|----------------------------------------------------------|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Car                                                      | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 36                                                       | 0    | 6   | 3     | 0     | 0   | 0     | 0       | 0       | 45     | 47            | 07:30 - 08:30 | 231                 |
| 43                                                       | 0    | 6   | 2     | 6     | 0   | 0     | 0       | 0       | 57     | 66            | 07:45 - 08:45 | 231                 |
| 79                                                       |      | 12  | 5     | 6     |     |       |         |         | 102    | 113           |               |                     |
| 39                                                       | 0    | 6   | 2     | 4     | 0   | 0     | 3       | 0       | 54     | 58            | 08:00 - 09:00 | 223                 |
| 47                                                       | 0    | 6   | 1     | 2     | 0   | 0     | 1       | 0       | 57     | 60            | 08:15 - 09:15 | 221                 |
| 40                                                       | 0    | 5   | 1     | 0     | 0   | 0     | 1       | 0       | 47     | 47            | 08:30 - 09:30 | 211                 |
| 40                                                       | 0    | 6   | 5     | 2     | 0   | 0     | 0       | 0       | 53     | 58            |               |                     |
| 166                                                      |      | 23  | 9     | 8     |     |       | 5       |         | 211    | 223           |               |                     |
| 35                                                       | 0    | 9   | 3     | 2     | 0   | 1     | 1       | 0       | 51     | 56            |               |                     |
| 35                                                       | 0    | 5   | 2     | 3     | 0   | 0     | 1       | 0       | 46     | 50            |               |                     |
| 70                                                       |      | 14  | 5     | 5     |     | 1     | 2       |         | 97     | 106           |               |                     |
| 24                                                       | 0    | 18  | 4     | 5     | 0   | 0     | 1       | 0       | 52     | 60            | 12:00 - 13:00 | 219                 |
| 28                                                       | 0    | 13  | 5     | 2     | 0   | 1     | 0       | 0       | 49     | 55            | 12:15 - 13:15 | 208                 |
| 30                                                       | 1    | 15  | 1     | 1     | 0   | 1     | 1       | 0       | 50     | 52            | 12:30 - 13:30 | 210                 |
| 34                                                       | 0    | 13  | 3     | 0     | 0   | 0     | 0       | 0       | 50     | 52            | 12:45 - 13:45 | 211                 |
| 116                                                      | 1    | 59  | 13    | 8     |     | 2     | 2       |         | 201    | 219           |               |                     |
| 27                                                       | 0    | 8   | 6     | 2     | 0   | 0     | 1       | 0       | 44     | 49            | 13:00 - 14:00 | 197                 |
| 32                                                       | 0    | 9   | 4     | 4     | 0   | 0     | 1       | 0       | 50     | 57            |               |                     |
| 27                                                       | 0    | 8   | 4     | 4     | 0   | 1     | 1       | 0       | 45     | 53            |               |                     |
| 26                                                       | 0    | 6   | 1     | 2     | 0   | 0     | 0       | 0       | 35     | 38            |               |                     |
| 112                                                      |      | 31  | 15    | 12    |     | 1     | 3       |         | 174    | 197           |               |                     |
| 36                                                       | 1    | 8   | 1     | 1     | 1   | 0     | 2       | 1       | 51     | 52            | 16:30 - 17:30 | 193                 |
| 29                                                       | 2    | 11  | 3     | 0     | 0   | 0     | 0       | 0       | 45     | 47            | 16:45 - 17:45 | 185                 |
| 65                                                       | 3    | 19  | 4     | 1     | 1   |       | 2       | 1       | 96     | 99            |               |                     |
| 25                                                       | 0    | 8   | 1     | 0     | 0   | 1     | 2       | 0       | 37     | 37            | 17:00 - 18:00 | 182                 |
| 40                                                       | 0    | 6   | 0     | 3     | 0   | 2     | 0       | 0       | 51     | 57            | 17:15 - 18:15 | 188                 |
| 30                                                       | 0    | 8   | 1     | 1     | 0   | 1     | 1       | 0       | 42     | 44            | 17:30 - 18:30 | 177                 |
| 30                                                       | 0    | 9   | 0     | 1     | 0   | 1     | 1       | 0       | 42     | 44            |               |                     |
| 125                                                      |      | 31  | 2     | 5     |     | 5     | 4       |         | 172    | 182           |               |                     |
| 31                                                       | 1    | 5   | 1     | 2     | 0   | 0     | 0       | 0       | 40     | 43            |               |                     |
| 36                                                       | 0    | 6   | 1     | 1     | 0   | 0     | 1       | 0       | 45     | 46            |               |                     |
| 67                                                       | 1    | 11  | 2     | 3     |     |       | 1       |         | 85     | 89            |               |                     |
| 800                                                      | 5    | 200 | 55    | 48    | 1   | 9     | 19      | 1       | 1138   | 1228          |               |                     |

**Title** Hayes Hyde Park  
**Site** The Parkway/Hayes Road/N Hyde Road  
**Date** Tuesday 19th June 2012  
**Time** 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Peak Period      | PCUs        |
|------------------|-------------|
| 07:30 - 08:30    | 331         |
| 12:30 - 13:30    | 325         |
| 16:45 - 17:45    | 353         |
| <b>Total PCU</b> | <b>1978</b> |

D into A

| North Hyde Road (W) Eastbound left into The Parkway (N) |             |          |            |           |           |           |          |           |          |             |               |               |                     |
|---------------------------------------------------------|-------------|----------|------------|-----------|-----------|-----------|----------|-----------|----------|-------------|---------------|---------------|---------------------|
| Time                                                    | Car         | Taxi     | LGV        | OGV 1     | OGV 2     | Bus       | Coach    | M/Cycle   | P/Cycle  | Totals      | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                                           | 63          | 0        | 13         | 4         | 2         | 1         | 1        | 0         | 0        | 84          | 91            | 07:30 - 08:30 | 331                 |
| 07:45 - 08:00                                           | 44          | 0        | 14         | 2         | 0         | 2         | 0        | 0         | 0        | 62          | 65            | 07:45 - 08:45 | 318                 |
| <b>H/TOT</b>                                            | <b>107</b>  |          | <b>27</b>  | <b>6</b>  | <b>2</b>  | <b>3</b>  | <b>1</b> |           |          | <b>146</b>  | <b>156</b>    |               |                     |
| 08:00 - 08:15                                           | 78          | 0        | 15         | 3         | 0         | 1         | 0        | 1         | 0        | 98          | 100           | 08:00 - 09:00 | 322                 |
| 08:15 - 08:30                                           | 54          | 0        | 7          | 6         | 2         | 0         | 0        | 0         | 0        | 69          | 75            | 08:15 - 09:15 | 312                 |
| 08:30 - 08:45                                           | 59          | 0        | 13         | 4         | 0         | 0         | 0        | 0         | 0        | 76          | 78            | 08:30 - 09:30 | 311                 |
| 08:45 - 09:00                                           | 50          | 1        | 7          | 3         | 2         | 0         | 1        | 0         | 0        | 64          | 69            |               |                     |
| <b>H/TOT</b>                                            | <b>241</b>  | <b>1</b> | <b>42</b>  | <b>16</b> | <b>4</b>  | <b>1</b>  | <b>1</b> | <b>1</b>  |          | <b>307</b>  | <b>322</b>    |               |                     |
| 09:00 - 09:15                                           | 67          | 0        | 12         | 7         | 0         | 0         | 0        | 2         | 0        | 88          | 90            |               |                     |
| 09:15 - 09:30                                           | 43          | 0        | 20         | 7         | 0         | 0         | 0        | 0         | 0        | 70          | 74            |               |                     |
| <b>H/TOT</b>                                            | <b>110</b>  |          | <b>32</b>  | <b>14</b> |           |           |          | <b>2</b>  |          | <b>158</b>  | <b>164</b>    |               |                     |
| 12:00 - 12:15                                           | 54          | 0        | 7          | 3         | 1         | 1         | 0        | 1         | 0        | 67          | 70            | 12:00 - 13:00 | 321                 |
| 12:15 - 12:30                                           | 65          | 0        | 7          | 9         | 0         | 1         | 1        | 2         | 0        | 85          | 90            | 12:15 - 13:15 | 329                 |
| 12:30 - 12:45                                           | 51          | 0        | 8          | 5         | 0         | 0         | 1        | 1         | 0        | 66          | 69            | 12:30 - 13:30 | 325                 |
| 12:45 - 13:00                                           | 65          | 0        | 18         | 3         | 2         | 0         | 0        | 0         | 0        | 88          | 92            | 12:45 - 13:45 | 355                 |
| <b>H/TOT</b>                                            | <b>235</b>  |          | <b>40</b>  | <b>20</b> | <b>3</b>  | <b>2</b>  | <b>2</b> | <b>4</b>  |          | <b>306</b>  | <b>321</b>    |               |                     |
| 13:00 - 13:15                                           | 59          | 0        | 13         | 4         | 0         | 0         | 0        | 0         | 0        | 76          | 78            | 13:00 - 14:00 | 343                 |
| 13:15 - 13:30                                           | 73          | 1        | 2          | 4         | 1         | 1         | 0        | 0         | 0        | 82          | 86            |               |                     |
| 13:30 - 13:45                                           | 68          | 0        | 16         | 6         | 1         | 1         | 0        | 4         | 0        | 96          | 99            |               |                     |
| 13:45 - 14:00                                           | 58          | 0        | 10         | 5         | 1         | 1         | 0        | 1         | 0        | 76          | 80            |               |                     |
| <b>H/TOT</b>                                            | <b>258</b>  | <b>1</b> | <b>41</b>  | <b>19</b> | <b>3</b>  | <b>3</b>  |          | <b>5</b>  |          | <b>330</b>  | <b>343</b>    |               |                     |
| 16:30 - 16:45                                           | 73          | 0        | 9          | 4         | 0         | 0         | 0        | 1         | 0        | 87          | 88            | 16:30 - 17:30 | 357                 |
| 16:45 - 17:00                                           | 72          | 0        | 6          | 2         | 2         | 0         | 2        | 4         | 0        | 88          | 91            | 16:45 - 17:45 | 353                 |
| <b>H/TOT</b>                                            | <b>145</b>  |          | <b>15</b>  | <b>6</b>  | <b>2</b>  |           | <b>2</b> | <b>5</b>  |          | <b>175</b>  | <b>179</b>    |               |                     |
| 17:00 - 17:15                                           | 73          | 0        | 4          | 2         | 0         | 0         | 0        | 2         | 0        | 81          | 81            | 17:00 - 18:00 | 350                 |
| 17:15 - 17:30                                           | 78          | 0        | 14         | 3         | 0         | 0         | 0        | 0         | 0        | 95          | 97            | 17:15 - 18:15 | 337                 |
| 17:30 - 17:45                                           | 65          | 0        | 8          | 3         | 1         | 2         | 0        | 0         | 0        | 79          | 84            | 17:30 - 18:30 | 315                 |
| 17:45 - 18:00                                           | 75          | 0        | 11         | 1         | 0         | 0         | 0        | 1         | 0        | 88          | 88            |               |                     |
| <b>H/TOT</b>                                            | <b>291</b>  |          | <b>37</b>  | <b>9</b>  | <b>1</b>  | <b>2</b>  |          | <b>3</b>  |          | <b>343</b>  | <b>350</b>    |               |                     |
| 18:00 - 18:15                                           | 59          | 0        | 6          | 2         | 0         | 0         | 0        | 0         | 0        | 67          | 68            |               |                     |
| 18:15 - 18:30                                           | 69          | 0        | 6          | 0         | 0         | 0         | 0        | 0         | 0        | 75          | 75            |               |                     |
| <b>H/TOT</b>                                            | <b>128</b>  |          | <b>12</b>  | <b>2</b>  |           |           |          |           |          | <b>142</b>  | <b>143</b>    |               |                     |
| <b>P/TOT</b>                                            | <b>1515</b> | <b>2</b> | <b>246</b> | <b>92</b> | <b>15</b> | <b>11</b> | <b>6</b> | <b>20</b> | <b>0</b> | <b>1907</b> | <b>1978</b>   |               |                     |

**Title** Hayes Hyde Park  
**Site** The Parkway/Hayes Road/N Hyde Road  
**Date** Tuesday 19th June 2012  
**Time** 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

| Peak Period   | PCUs |
|---------------|------|
| 07:30 - 08:30 | 361  |
| 12:30 - 13:30 | 362  |
| 16:45 - 17:45 | 178  |
| Total PCU     | 1741 |

D into B

| North Hyde Road (W) Eastbound straight into Hayes Road (E) |      |      |     |       |       |     |       |         |         |        |               |               |                     |
|------------------------------------------------------------|------|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Time                                                       | Car  | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                                              | 68   | 0    | 14  | 3     | 1     | 2   | 0     | 1       | 0       | 89     | 93            | 07:30 - 08:30 | 361                 |
| 07:45 - 08:00                                              | 52   | 0    | 14  | 3     | 1     | 3   | 1     | 0       | 0       | 74     | 81            | 07:45 - 08:45 | 353                 |
| H/TOT                                                      | 120  |      | 28  | 6     | 2     | 5   | 1     | 1       |         | 163    | 174           |               |                     |
| 08:00 - 08:15                                              | 76   | 0    | 12  | 4     | 1     | 1   | 0     | 0       | 0       | 94     | 98            | 08:00 - 09:00 | 345                 |
| 08:15 - 08:30                                              | 65   | 0    | 8   | 5     | 2     | 2   | 0     | 0       | 0       | 82     | 89            | 08:15 - 09:15 | 341                 |
| 08:30 - 08:45                                              | 63   | 0    | 15  | 2     | 1     | 1   | 0     | 0       | 0       | 82     | 85            | 08:30 - 09:30 | 325                 |
| 08:45 - 09:00                                              | 52   | 1    | 8   | 2     | 2     | 1   | 1     | 0       | 2       | 69     | 73            |               |                     |
| H/TOT                                                      | 256  | 1    | 43  | 13    | 6     | 5   | 1     |         | 2       | 327    | 345           |               |                     |
| 09:00 - 09:15                                              | 64   | 0    | 14  | 7     | 1     | 1   | 0     | 2       | 0       | 89     | 94            |               |                     |
| 09:15 - 09:30                                              | 46   | 0    | 14  | 6     | 1     | 1   | 0     | 0       | 0       | 68     | 73            |               |                     |
| H/TOT                                                      | 110  |      | 28  | 13    | 2     | 2   |       | 2       |         | 157    | 167           |               |                     |
| 12:00 - 12:15                                              | 56   | 0    | 9   | 5     | 1     | 3   | 0     | 0       | 0       | 74     | 81            | 12:00 - 13:00 | 363                 |
| 12:15 - 12:30                                              | 67   | 0    | 12  | 8     | 1     | 1   | 1     | 1       | 0       | 91     | 98            | 12:15 - 13:15 | 366                 |
| 12:30 - 12:45                                              | 63   | 0    | 13  | 4     | 2     | 0   | 0     | 0       | 0       | 82     | 87            | 12:30 - 13:30 | 362                 |
| 12:45 - 13:00                                              | 64   | 0    | 13  | 5     | 3     | 3   | 0     | 0       | 0       | 88     | 97            | 12:45 - 13:45 | 368                 |
| H/TOT                                                      | 250  |      | 47  | 22    | 7     | 7   | 1     | 1       |         | 335    | 363           |               |                     |
| 13:00 - 13:15                                              | 58   | 0    | 12  | 4     | 1     | 2   | 1     | 0       | 0       | 78     | 84            | 13:00 - 14:00 | 356                 |
| 13:15 - 13:30                                              | 70   | 0    | 6   | 5     | 2     | 2   | 1     | 0       | 0       | 86     | 94            |               |                     |
| 13:30 - 13:45                                              | 64   | 0    | 15  | 3     | 2     | 2   | 0     | 3       | 0       | 89     | 93            |               |                     |
| 13:45 - 14:00                                              | 61   | 0    | 13  | 4     | 1     | 1   | 0     | 1       | 0       | 81     | 85            |               |                     |
| H/TOT                                                      | 253  |      | 46  | 16    | 6     | 7   | 2     | 4       |         | 334    | 356           |               |                     |
| 16:30 - 16:45                                              | 32   | 0    | 4   | 1     | 0     | 1   | 0     | 0       | 0       | 38     | 40            | 16:30 - 17:30 | 179                 |
| 16:45 - 17:00                                              | 37   | 0    | 5   | 1     | 1     | 1   | 1     | 1       | 1       | 48     | 50            | 16:45 - 17:45 | 178                 |
| H/TOT                                                      | 69   |      | 9   | 2     | 1     | 2   | 1     | 1       | 1       | 86     | 90            |               |                     |
| 17:00 - 17:15                                              | 34   | 0    | 4   | 1     | 0     | 1   | 0     | 1       | 0       | 41     | 42            | 17:00 - 18:00 | 168                 |
| 17:15 - 17:30                                              | 38   | 0    | 7   | 1     | 0     | 0   | 0     | 1       | 1       | 48     | 47            | 17:15 - 18:15 | 161                 |
| 17:30 - 17:45                                              | 30   | 0    | 5   | 1     | 0     | 1   | 0     | 1       | 0       | 38     | 39            | 17:30 - 18:30 | 157                 |
| 17:45 - 18:00                                              | 33   | 0    | 5   | 1     | 0     | 0   | 0     | 1       | 0       | 40     | 40            |               |                     |
| H/TOT                                                      | 135  |      | 21  | 4     |       | 2   |       | 4       | 1       | 167    | 168           |               |                     |
| 18:00 - 18:15                                              | 29   | 0    | 4   | 0     | 0     | 1   | 0     | 1       | 0       | 35     | 35            |               |                     |
| 18:15 - 18:30                                              | 35   | 0    | 4   | 1     | 0     | 1   | 0     | 0       | 0       | 41     | 43            |               |                     |
| H/TOT                                                      | 64   |      | 8   | 1     |       | 2   |       | 1       |         | 76     | 78            |               |                     |
| P/TOT                                                      | 1257 | 1    | 230 | 77    | 24    | 32  | 6     | 14      | 4       | 1645   | 1741          |               |                     |

Title Hayes Hyde Park  
Site The Parkway/Hayes Road/N Hyde Road  
Date Tuesday 19th June 2012  
Time 07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

Title  
Site  
Date  
Time

| Peak Period   | PCUs |
|---------------|------|
| 07:30 - 08:30 | 6    |
| 12:30 - 13:30 | 5    |
| 16:45 - 17:45 | 7    |
| Total PCU     | 33   |

D into D

| North Hyde Road (W) Eastbound U turn |     |      |     |       |       |     |       |         |         |        |               |               |                     |
|--------------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Time                                 | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 07:30 - 07:45                        | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 07:30 - 08:30 | 6                   |
| 07:45 - 08:00                        | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 07:45 - 08:45 | 5                   |
| H/TOT                                | 3   |      |     |       |       |     |       |         |         | 3      | 3             |               |                     |
| 08:00 - 08:15                        | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 08:00 - 09:00 | 5                   |
| 08:15 - 08:30                        | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 08:15 - 09:15 | 4                   |
| 08:30 - 08:45                        | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 08:30 - 09:30 | 4                   |
| 08:45 - 09:00                        | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                                | 5   |      |     |       |       |     |       |         |         | 5      | 5             |               |                     |
| 09:00 - 09:15                        | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| 09:15 - 09:30                        | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                                | 2   |      |     |       |       |     |       |         |         | 2      | 2             |               |                     |
| 12:00 - 12:15                        | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 12:00 - 13:00 | 4                   |
| 12:15 - 12:30                        | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 12:15 - 13:15 | 4                   |
| 12:30 - 12:45                        | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 12:30 - 13:30 | 5                   |
| 12:45 - 13:00                        | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 12:45 - 13:45 | 5                   |
| H/TOT                                | 4   |      |     |       |       |     |       |         |         | 4      | 4             |               |                     |
| 13:00 - 13:15                        | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 13:00 - 14:00 | 5                   |
| 13:15 - 13:30                        | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| 13:30 - 13:45                        | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| 13:45 - 14:00                        | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| H/TOT                                | 5   |      |     |       |       |     |       |         |         | 5      | 5             |               |                     |
| 16:30 - 16:45                        | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 16:30 - 17:30 | 8                   |
| 16:45 - 17:00                        | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 16:45 - 17:45 | 7                   |
| H/TOT                                | 4   |      |     |       |       |     |       |         |         | 4      | 4             |               |                     |
| 17:00 - 17:15                        | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 17:00 - 18:00 | 7                   |
| 17:15 - 17:30                        | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             | 17:15 - 18:15 | 6                   |
| 17:30 - 17:45                        | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             | 17:30 - 18:30 | 6                   |
| 17:45 - 18:00                        | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| H/TOT                                | 7   |      |     |       |       |     |       |         |         | 7      | 7             |               |                     |
| 18:00 - 18:15                        | 1   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 1      | 1             |               |                     |
| 18:15 - 18:30                        | 2   | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 2      | 2             |               |                     |
| H/TOT                                | 3   |      |     |       |       |     |       |         |         | 3      | 3             |               |                     |
| P/TOT                                | 33  | 0    | 0   | 0     | 0     | 0   | 0     | 0       | 0       | 33     | 33            |               |                     |

| Peak Period   | PCUs |
|---------------|------|
| 07:30 - 08:30 | 6    |
| 12:30 - 13:30 | 5    |
| 16:45 - 17:45 | 7    |
| Total PCU     | 33   |

| Time          | Hour Total (PCUs/h) |
|---------------|---------------------|
| 07:30 - 07:45 |                     |
| 07:45 - 08:00 |                     |
| H/TOT         |                     |
| 08:00 - 08:15 |                     |
| 08:15 - 08:30 |                     |
| 08:30 - 08:45 |                     |
| 08:45 - 09:00 |                     |
| H/TOT         |                     |
| 09:00 - 09:15 |                     |
| 09:15 - 09:30 |                     |
| H/TOT         |                     |
| 12:00 - 12:15 |                     |
| 12:15 - 12:30 |                     |
| 12:30 - 12:45 |                     |
| 12:45 - 13:00 |                     |
| H/TOT         |                     |
| 13:00 - 13:15 |                     |
| 13:15 - 13:30 |                     |
| 13:30 - 13:45 |                     |
| 13:45 - 14:00 |                     |
| H/TOT         |                     |
| 16:30 - 16:45 |                     |
| 16:45 - 17:00 |                     |
| H/TOT         |                     |
| 17:00 - 17:15 |                     |
| 17:15 - 17:30 |                     |
| 17:30 - 17:45 |                     |
| 17:45 - 18:00 |                     |
| H/TOT         |                     |
| 18:00 - 18:15 |                     |
| 18:15 - 18:30 |                     |
| H/TOT         |                     |
| P/TOT         |                     |

Hayes Hyde Park  
The Parkway/Hayes Road/N Hyde Road  
Tuesday 19th June 2012  
07:30 - 09:30, 12:00 - 14:00 and 16:30 - 18:30

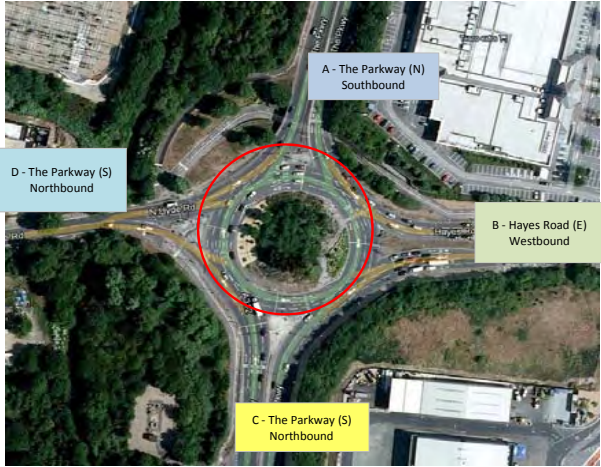
|      |
|------|
| PCUs |
| 124  |
| 78   |
| 296  |
| 949  |

D into C

| North Hyde Road (W) Eastbound right into The Parkway (S) |      |     |       |       |     |       |         |         |        |               |               |                     |
|----------------------------------------------------------|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|---------------|---------------------|
| Car                                                      | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) | Time          | Hour Total (PCUs/h) |
| 23                                                       | 0    | 5   | 1     | 0     | 1   | 0     | 0       | 0       | 30     | 32            | 07:30 - 08:30 | 124                 |
| 18                                                       | 0    | 5   | 1     | 0     | 1   | 0     | 0       | 0       | 25     | 27            | 07:45 - 08:45 | 120                 |
| 41                                                       |      | 10  | 2     |       | 2   |       |         |         | 55     | 59            |               |                     |
| 26                                                       | 0    | 4   | 2     | 0     | 0   | 0     | 0       | 0       | 32     | 33            | 08:00 - 09:00 | 118                 |
| 22                                                       | 0    | 3   | 2     | 1     | 1   | 0     | 0       | 0       | 29     | 32            | 08:15 - 09:15 | 117                 |
| 21                                                       | 0    | 5   | 1     | 0     | 0   | 0     | 0       | 0       | 27     | 28            | 08:30 - 09:30 | 109                 |
| 18                                                       | 0    | 3   | 1     | 1     | 0   | 0     | 0       | 1       | 24     | 25            |               |                     |
| 87                                                       |      | 15  | 6     | 2     | 1   |       |         | 1       | 112    | 118           |               |                     |
| 22                                                       | 0    | 5   | 3     | 0     | 0   | 0     | 1       | 0       | 31     | 32            |               |                     |
| 16                                                       | 0    | 5   | 2     | 0     | 0   | 0     | 0       | 0       | 23     | 24            |               |                     |
| 38                                                       |      | 10  | 5     |       |     |       | 1       |         | 54     | 56            |               |                     |
| 12                                                       | 0    | 2   | 1     | 0     | 1   | 0     | 0       | 0       | 16     | 18            | 12:00 - 13:00 | 81                  |
| 15                                                       | 0    | 3   | 2     | 0     | 0   | 0     | 0       | 0       | 20     | 21            | 12:15 - 13:15 | 81                  |
| 14                                                       | 0    | 3   | 1     | 0     | 0   | 0     | 0       | 0       | 18     | 19            | 12:30 - 13:30 | 78                  |
| 14                                                       | 0    | 3   | 1     | 1     | 1   | 0     | 0       | 0       | 20     | 23            | 12:45 - 13:45 | 78                  |
| 55                                                       |      | 11  | 5     | 1     | 2   |       |         |         | 74     | 81            |               |                     |
| 13                                                       | 0    | 3   | 1     | 0     | 0   | 0     | 0       | 0       | 17     | 18            | 13:00 - 14:00 | 73                  |
| 15                                                       | 0    | 1   | 1     | 0     | 0   | 0     | 0       | 0       | 17     | 18            |               |                     |
| 14                                                       | 0    | 3   | 1     | 0     | 0   | 0     | 1       | 0       | 19     | 19            |               |                     |
| 13                                                       | 0    | 3   | 1     | 0     | 0   | 0     | 0       | 0       | 17     | 18            |               |                     |
| 55                                                       |      | 10  | 4     |       |     |       | 1       |         | 70     | 73            |               |                     |
| 54                                                       | 0    | 6   | 2     | 0     | 2   | 1     | 1       | 0       | 66     | 69            | 16:30 - 17:30 | 299                 |
| 61                                                       | 0    | 9   | 2     | 1     | 1   | 1     | 2       | 1       | 78     | 80            | 16:45 - 17:45 | 296                 |
| 115                                                      |      | 15  | 4     | 1     | 3   | 2     | 3       | 1       | 144    | 149           |               |                     |
| 57                                                       | 0    | 6   | 2     | 0     | 1   | 0     | 1       | 1       | 68     | 69            | 17:00 - 18:00 | 284                 |
| 62                                                       | 0    | 11  | 2     | 1     | 1   | 0     | 1       | 1       | 79     | 81            | 17:15 - 18:15 | 274                 |
| 50                                                       | 0    | 8   | 1     | 1     | 2   | 0     | 1       | 1       | 64     | 66            | 17:30 - 18:30 | 263                 |
| 54                                                       | 0    | 8   | 1     | 1     | 1   | 0     | 1       | 0       | 66     | 68            |               |                     |
| 223                                                      |      | 33  | 6     | 3     | 5   |       | 4       | 3       | 277    | 284           |               |                     |
| 48                                                       | 0    | 7   | 1     | 0     | 1   | 0     | 1       | 1       | 59     | 59            |               |                     |
| 58                                                       | 0    | 7   | 2     | 0     | 1   | 0     | 0       | 0       | 68     | 70            |               |                     |
| 106                                                      |      | 14  | 3     |       | 2   |       | 1       | 1       | 127    | 129           |               |                     |
| 720                                                      | 0    | 118 | 35    | 7     | 15  | 2     | 10      | 6       | 913    | 949           |               |                     |

Title Hyde Park Hayes  
Site 5 - The Parkway/Hayes Road/N Hyde Road  
Date Tuesday 19th June 2012  
Time 16:45 - 17:15

| Arm                            | Lane          | Average Sat Flow | Average DoS |
|--------------------------------|---------------|------------------|-------------|
| A - The Parkway (N) Southbound | 1) - Kerbside | 2001             | 94.82%      |
|                                | 2) Central    | 1708             | 86.41%      |
|                                | 3) Outside    | 2039             | 56.25%      |
| B - Hayes Road (E) Westbound   | 1) - Kerbside | 1367             | 79.18%      |
|                                | 2) Central 1  | 1780             | 80.37%      |
|                                | 3) Central 2  | 1125             | 83.84%      |
|                                | 4) Outside    | 900              | 80.35%      |
| C - The Parkway (S) Northbound | 1) - Kerbside | 1842             | 90.12%      |
|                                | 2) Central 1  | 1804             | 76.35%      |
|                                | 3) Central 2  | 1939             | 85.07%      |
|                                | 4) Outside    | #DIV/0!          | #DIV/0!     |
| D - The Parkway (S) Northbound | 1) - Kerbside | 1669             | 66.34%      |
|                                | 2) Central    | 1669             | 66.34%      |
|                                | 3) Outside    | 600              | 75.36%      |



Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
A - The Parkway (N) Southbound  
1) - Kerbside (left lane)

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 17:15:31       | 17:16:34 | 17:17:35 | 17:18:35 | 17:19:40 | 17:20:40 | 17:21:46 | 17:22:58 | 17:24:03 | 17:25:08 | 17:26:13 | 17:27:12 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 17:15:36       | 17:16:55 | 17:18:05 | 17:18:38 | 17:20:02 | 17:20:46 | 17:21:57 | 17:23:29 | 17:24:24 | 17:25:24 | 17:26:30 | 17:27:40 |
| Amber                                              | 17:15:57       | 17:17:02 | 17:18:06 | 17:19:15 | 17:20:16 | 17:21:21 | 17:22:29 | 17:23:25 | 17:24:24 | 17:25:30 | 17:26:33 | 17:27:38 |
| Red                                                | 17:16:00       | 17:17:05 | 17:18:08 | 17:19:18 | 17:20:19 | 17:21:24 | 17:22:32 | 17:23:28 | 17:24:27 | 17:25:33 | 17:26:36 | 17:27:41 |
| Green                                              | 17:16:34       | 17:17:35 | 17:18:35 | 17:19:40 | 17:20:40 | 17:21:46 | 17:22:58 | 17:24:03 | 17:25:08 | 17:26:13 | 17:27:12 | 17:28:15 |
| Total                                              | 00:01:03       | 00:01:01 | 00:01:00 | 00:01:05 | 00:01:00 | 00:01:06 | 00:01:12 | 00:01:05 | 00:01:05 | 00:01:05 | 00:00:59 | 00:01:01 |
| Cycle Time (s)                                     | 63             | 61       | 60       | 65       | 60       | 66       | 72       | 65       | 65       | 65       | 59       | 61       |
| Green Time (s)                                     | 26             | 28       | 31       | 40       | 36       | 41       | 43       | 27       | 21       | 22       | 20       | 26       |
| Saturation Time (s)                                | 5              | 21       | 30       | 3        | 22       | 6        | 11       | 31       | 21       | 16       | 17       | 28       |
| Effective Green                                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 4        | 0        | 0        | 0        | 2        |
| Seconds of Green Lost (Wasted Green)               | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                      | 2              | 12       | 16       | 2        | 11       | 3        | 6        | 20       | 13       | 8        | 10       | 14       |
| Non-Saturated PCU                                  | 6              | 5        | 2        | 18       | 7        | 13       | 16       | 0        | 1        | 4        | 3        | 0        |
| Cycle PCU                                          | 8              | 17       | 18       | 20       | 18       | 16       | 22       | 20       | 14       | 12       | 13       | 14       |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 26.27 | 28.27 | 31.27 | 40.27 | 36.27 | 41.27 | 43.27 | 27.27 | 21.27 | 22.27 | 20.27 | 26.27 |
| 0.27                                                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Sat Flow                                                    | 1440  | 2057  | 1920  | 2400  | 1800  | 1800  | 1964  | 2323  | 2229  | 1800  | 2118  | 1800  |
| Use Sat Flow?                                               | No    | Yes   | Yes   | No    | Yes   | No    | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |
| Free Flow Conditions?                                       | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs1 (flow out of saturation)  | 4   |      | 2   |       |       |     |       |         |         | 6      | 6             |
| Obs2 (flow during saturation)  | 10  | 1    | 1   |       |       |     |       |         |         | 12     | 12            |
| Obs2 (flow out of saturation)  | 2   |      | 3   |       |       |     |       |         |         | 5      | 5             |
| Obs3 (flow during saturation)  | 15  |      | 1   |       |       |     |       |         |         | 16     | 16            |
| Obs3 (flow out of saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs4 (flow during saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs4 (flow out of saturation)  | 15  | 1    |     | 1     |       |     |       |         |         | 17     | 18            |
| Obs5 (flow during saturation)  | 7   |      | 4   |       |       |     |       |         |         | 11     | 11            |
| Obs5 (flow out of saturation)  | 5   |      |     | 1     |       |     |       |         |         | 6      | 7             |
| Obs6 (flow during saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs6 (flow out of saturation)  | 10  |      | 3   |       |       |     |       |         |         | 13     | 13            |
| Obs7 (flow during saturation)  | 6   |      |     |       |       |     |       | 1       |         | 7      | 6             |
| Obs7 (flow out of saturation)  | 12  |      |     | 1     | 1     |     |       |         |         | 14     | 16            |
| Obs8 (flow during saturation)  | 14  | 1    | 3   | 1     |       |     |       |         |         | 19     | 20            |
| Obs8 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs9 (flow during saturation)  | 13  |      |     |       |       |     |       |         |         | 13     | 13            |
| Obs9 (flow out of saturation)  | 0   |      | 1   |       |       |     |       |         |         | 1      | 1             |
| Obs10 (flow during saturation) | 8   |      |     |       |       |     |       |         |         | 8      | 8             |
| Obs10 (flow out of saturation) | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs11 (flow during saturation) | 10  |      |     |       |       |     |       |         |         | 10     | 10            |
| Obs11 (flow out of saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs12 (flow during saturation) | 13  |      | 1   |       |       |     |       | 1       |         | 15     | 14            |
| Obs12 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No | No |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No |

|                  |        |
|------------------|--------|
| Average Sat Flow | 2001   |
| Average DoS      | 94.82% |
| Sat Flow Obs     | 9      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 30.08              | 30.36                        | 63.50              | 16.00        | 907.1                        |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
A - The Parkway (N) Southbound  
2) Central

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 17:15:31       | 17:16:34 | 17:17:35 | 17:18:35 | 17:19:40 | 17:20:40 | 17:21:46 | 17:22:58 | 17:24:03 | 17:25:08 | 17:26:13 | 17:27:12 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 17:15:54       | 17:16:56 | 17:18:03 | 17:18:44 | 17:20:01 | 17:20:58 | 17:22:06 | 17:23:15 | 17:24:10 | 17:25:23 | 17:26:22 | 17:27:12 |
| Amber                                              | 17:15:57       | 17:17:02 | 17:18:06 | 17:19:15 | 17:20:16 | 17:21:21 | 17:22:29 | 17:23:25 | 17:24:24 | 17:25:30 | 17:26:33 | 17:27:38 |
| Red                                                | 17:16:00       | 17:17:05 | 17:18:08 | 17:19:18 | 17:20:19 | 17:21:24 | 17:22:32 | 17:23:28 | 17:24:27 | 17:25:33 | 17:26:36 | 17:27:41 |
| Green                                              | 17:16:34       | 17:17:35 | 17:18:35 | 17:19:40 | 17:20:40 | 17:21:46 | 17:22:58 | 17:24:03 | 17:25:08 | 17:26:13 | 17:27:12 | 17:28:15 |
| Total                                              | 00:01:03       | 00:01:01 | 00:01:00 | 00:01:05 | 00:01:00 | 00:01:06 | 00:01:12 | 00:01:05 | 00:01:05 | 00:01:05 | 00:00:59 | 00:01:01 |
| Cycle Time (s)                                     | 63             | 61       | 60       | 65       | 60       | 66       | 72       | 65       | 65       | 65       | 59       | 61       |
| Green Time (s)                                     | 26             | 28       | 31       | 40       | 36       | 41       | 43       | 27       | 21       | 22       | 20       | 26       |
| Saturation Time (s)                                | 23             | 22       | 28       | 9        | 21       | 18       | 20       | 17       | 7        | 15       | 9        | 0        |
| Effective Green                                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)               | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                      | 8              | 11       | 12       | 6        | 10       | 8        | 8        | 9        | 5        | 7        | 6        | 0        |
| Non-Saturated PCU                                  | 0              | 3        | 2        | 12       | 4        | 8        | 10       | 3        | 6        | 3        | 6        | 1        |
| Cycle PCU                                          | 8              | 14       | 14       | 18       | 14       | 16       | 18       | 12       | 11       | 10       | 12       | 1        |

| Effective Green (insert number of additional seconds below) | 26.00 | 28.00 | 31.00 | 40.00 | 36.00 | 41.00 | 43.00 | 27.00 | 21.00 | 22.00 | 20.00 | 26.00 |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Sat Flow                                                    | 1252  | 1800  | 1543  | 2400  | 1714  | 1600  | 1440  | 1906  | 2571  | 1680  | 2400  | 0     |
| Use Sat Flow?                                               | Yes   | Yes   | Yes   | No    | Yes   | Yes   | Yes   | Yes   | No    | Yes   | No    | No    |
| Free Flow Conditions?                                       | No    | Yes   | No    | Yes   | Yes   | No    | Yes   | Yes   | Yes   | Yes   | Yes   | No    |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 8   |      |     |       |       |     |       |         |         | 8      | 8             |
| Obs1 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs2 (flow during saturation)  | 10  |      | 1   |       |       |     |       |         |         | 11     | 11            |
| Obs2 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs3 (flow during saturation)  | 12  |      |     |       |       |     |       | 1       |         | 13     | 12            |
| Obs3 (flow out of saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs4 (flow during saturation)  | 6   |      |     |       |       |     |       |         |         | 6      | 6             |
| Obs4 (flow out of saturation)  | 12  |      |     |       |       |     |       |         |         | 12     | 12            |
| Obs5 (flow during saturation)  | 10  |      |     |       |       |     |       |         |         | 10     | 10            |
| Obs5 (flow out of saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs6 (flow during saturation)  | 4   |      |     | 2     |       |     |       | 2       |         | 8      | 8             |
| Obs6 (flow out of saturation)  | 7   | 1    |     |       |       |     |       |         |         | 8      | 8             |
| Obs7 (flow during saturation)  | 8   |      |     |       |       |     |       |         |         | 8      | 8             |
| Obs7 (flow out of saturation)  | 10  |      |     |       |       |     |       |         |         | 10     | 10            |
| Obs8 (flow during saturation)  | 8   |      | 1   |       |       |     |       |         |         | 9      | 9             |
| Obs8 (flow out of saturation)  | 3   |      |     |       |       |     |       | 1       |         | 4      | 3             |
| Obs9 (flow during saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs9 (flow out of saturation)  | 6   |      |     |       |       |     |       | 1       |         | 7      | 6             |
| Obs10 (flow during saturation) | 7   |      |     |       |       |     |       | 1       |         | 8      | 7             |
| Obs10 (flow out of saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs11 (flow during saturation) | 4   |      | 2   |       |       |     |       |         |         | 6      | 6             |
| Obs11 (flow out of saturation) | 3   |      | 1   | 1     |       |     |       |         |         | 5      | 6             |
| Obs12 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs12 (flow out of saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs13 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1708   |
| Average DoS      | 86.41% |
| Sat Flow Obs     | 5      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 30.08              | 30.08                        | 63.50              | 12.33        | 699.2                        |

the flow stopped by the car at the head of the lane

5 - The Parkway/Hayes Road/N Hyde Road  
A - The Parkway (N) Southbound  
3) Outside

[illegible]

|                  |        |
|------------------|--------|
| Average Sat Flow | 2039   |
| Average DoS      | 56.25% |
| Sat Flow Obs     | 3      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 30.08              | 30.08                        | 63.50              | 9.58         | 543.3                        |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
A - INTERNAL Eastbound  
3) - Kerbside

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 17:00:49       | 17:01:54 | 17:02:58 | 17:04:04 | 17:05:08 | 17:06:13 | 17:07:21 | 17:08:25 | 17:09:29 | 17:10:37 | 17:11:42 | 17:12:47 |
| Time at start of full demand if different to green          |                |          |          |          |          |          |          | 17:09:42 |          |          |          |          |
| End of Saturation/Full Demand                               | 17:00:51       | 17:02:00 | 17:02:59 | 17:04:08 | 17:05:19 | 17:06:13 | 17:07:24 | 17:08:32 | 17:09:47 | 17:10:42 | 17:11:43 | 17:12:53 |
| Amber                                                       | 17:01:17       | 17:02:22 | 17:03:28 | 17:04:35 | 17:05:41 | 17:06:45 | 17:07:50 | 17:08:58 | 17:10:01 | 17:11:06 | 17:12:11 | 17:13:17 |
| Red                                                         | 17:01:20       | 17:02:25 | 17:03:31 | 17:04:38 | 17:05:44 | 17:06:48 | 17:07:53 | 17:09:01 | 17:10:04 | 17:11:09 | 17:12:14 | 17:13:20 |
| Green                                                       | 17:01:54       | 17:02:58 | 17:04:04 | 17:05:08 | 17:06:13 | 17:07:21 | 17:08:25 | 17:09:29 | 17:10:37 | 17:11:42 | 17:12:47 | 17:13:53 |
| Total                                                       | 00:01:05       | 00:01:04 | 00:01:06 | 00:01:04 | 00:01:05 | 00:01:08 | 00:01:04 | 00:01:08 | 00:01:05 | 00:01:05 | 00:01:06 | 00:01:06 |
| Cycle Time (s)                                              | 65             | 64       | 66       | 64       | 65       | 68       | 64       | 68       | 65       | 65       | 65       | 66       |
| Green Time (s)                                              | 28             | 28       | 30       | 31       | 33       | 32       | 29       | 33       | 32       | 29       | 29       | 30       |
| Saturation Time (s)                                         | 2              | 6        | 1        | 4        | 10       | 0        | 3        | 7        | 5        | 5        | 1        | 6        |
| Effective Green                                             | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)                        | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 13       | 0        | 0        | 0        |
| Saturated PCU                                               | 1              | 3        | 1        | 3        | 4        | 0        | 3        | 3        | 4        | 2        | 1        | 3        |
| Non-Saturated PCU                                           | 0              | 0        | 0        | 2        | 3        | 1        | 0        | 2        | 2        | 0        | 1        | 3        |
| Cycle PCU                                                   | 1              | 3        | 1        | 5        | 7        | 1        | 3        | 5        | 6        | 2        | 2        | 6        |
| Effective Green (insert number of additional seconds below) | 28.00          | 28.00    | 30.00    | 31.00    | 33.00    | 32.00    | 29.00    | 33.00    | 32.00    | 29.00    | 29.00    | 30.00    |
| 0.00                                                        |                |          |          |          |          |          |          |          |          |          |          |          |
| Sat Flow                                                    | 1800           | 1800     | 3600     | 2700     | 1440     | 0        | 3600     | 1543     | 2880     | 1440     | 3600     | 1800     |
| Use Sat Flow?                                               | No             | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       |
| Free Flow Conditions?                                       | Yes            | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  |     |      |     | 1     |       |     |       |         |         | 1      | 1             |
| Obs1 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs2 (flow during saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs2 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs3 (flow during saturation)  |     |      |     | 1     |       |     |       |         |         | 1      | 1             |
| Obs3 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs4 (flow during saturation)  | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs4 (flow out of saturation)  |     |      |     |       |       | 1   |       |         |         | 1      | 1             |
| Obs5 (flow during saturation)  | 2   |      |     |       |       |     |       |         |         | 3      | 4             |
| Obs5 (flow out of saturation)  | 1   |      |     |       |       | 1   |       |         |         | 2      | 3             |
| Obs6 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs6 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs7 (flow during saturation)  | 1   |      |     |       | 1     |     |       |         |         | 2      | 3             |
| Obs7 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs8 (flow during saturation)  | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs8 (flow out of saturation)  | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs9 (flow during saturation)  | 3   |      | 1   |       |       |     |       |         |         | 4      | 4             |
| Obs9 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs10 (flow during saturation) | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow during saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs11 (flow out of saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs12 (flow during saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs12 (flow out of saturation) | 1   |      |     |       |       | 1   |       |         |         | 2      | 3             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |         |
|------------------|---------|
| Average Sat Flow | #DIV/0! |
| Average DoS      | #DIV/0! |
| Sat Flow Obs     | 0       |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 30.33              | 30.33                        | 65.33              | 3.50         | 192.9                        |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
A - INTERNAL Eastbound  
2) Central 1

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 17:00:49       | 17:01:54 | 17:02:58 | 17:04:04 | 17:05:08 | 17:06:13 | 17:07:21 | 17:08:25 | 17:09:29 | 17:10:37 | 17:11:42 | 17:12:47 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          | 17:09:38 |          |          |          |
| End of Saturation/Full Demand                      | 17:00:55       | 17:02:11 | 17:03:06 | 17:04:11 | 17:05:20 | 17:06:19 | 17:07:25 | 17:08:32 | 17:09:46 | 17:10:43 | 17:11:57 | 17:12:55 |
| Amber                                              | 17:01:17       | 17:02:22 | 17:03:28 | 17:04:35 | 17:05:41 | 17:06:45 | 17:07:50 | 17:08:58 | 17:10:01 | 17:11:06 | 17:12:11 | 17:13:17 |
| Red                                                | 17:01:20       | 17:02:25 | 17:03:31 | 17:04:38 | 17:05:44 | 17:06:48 | 17:07:53 | 17:09:01 | 17:10:04 | 17:11:09 | 17:12:14 | 17:13:20 |
| Green                                              | 17:01:54       | 17:02:58 | 17:04:04 | 17:05:08 | 17:06:13 | 17:07:21 | 17:08:25 | 17:09:29 | 17:10:37 | 17:11:42 | 17:12:47 | 17:13:52 |
| Total                                              | 00:01:05       | 00:01:04 | 00:01:06 | 00:01:04 | 00:01:05 | 00:01:08 | 00:01:04 | 00:01:08 | 00:01:06 | 00:01:05 | 00:01:06 | 00:01:06 |
| Cycle Time (s)                                     | 65             | 64       | 66       | 64       | 65       | 68       | 64       | 64       | 68       | 65       | 65       | 66       |
| Green Time (s)                                     | 28             | 28       | 30       | 31       | 33       | 32       | 29       | 33       | 32       | 29       | 29       | 30       |
| Saturation Time (s)                                | 6              | 17       | 8        | 7        | 12       | 6        | 4        | 7        | 8        | 6        | 15       | 8        |
| Effective Green                                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted)                     | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 9        | 0        | 0        | 0        |

|                   |   |    |   |   |    |   |   |   |   |   |   |    |
|-------------------|---|----|---|---|----|---|---|---|---|---|---|----|
| Saturated PCU     | 3 | 10 | 3 | 3 | 7  | 3 | 2 | 3 | 5 | 4 | 8 | 4  |
| Non-Saturated PCU | 0 | 0  | 4 | 3 | 7  | 3 | 2 | 6 | 1 | 5 | 0 | 6  |
| Cycle PCU         | 3 | 10 | 7 | 6 | 14 | 6 | 4 | 9 | 6 | 9 | 8 | 10 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 28.00 | 28.00 | 30.00 | 31.00 | 33.00 | 32.00 | 29.00 | 33.00 | 32.00 | 29.00 | 29.00 | 30.00 |
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Sat Flow                                                    | 1800  | 2118  | 1350  | 1543  | 2100  | 1800  | 1800  | 1543  | 2250  | 2400  | 1920  | 1800  |
| Use Sat Flow?                                               | No    | Yes   | No    | No    | Yes   | No    | No    | No    | No    | No    | Yes   | No    |
| Free Flow Conditions?                                       | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs1 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs2 (flow during saturation)  | 9   |      | 1   |       |       |     |       |         |         | 10     | 10            |
| Obs2 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs3 (flow during saturation)  | 1   |      |     | 1     |       |     |       |         |         | 2      | 3             |
| Obs3 (flow out of saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs4 (flow during saturation)  | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs4 (flow out of saturation)  | 1   |      |     |       | 1     |     |       |         |         | 2      | 2             |
| Obs5 (flow during saturation)  | 7   |      |     |       |       |     |       |         |         | 7      | 7             |
| Obs5 (flow out of saturation)  | 4   |      | 1   |       |       | 1   |       |         |         | 6      | 7             |
| Obs6 (flow during saturation)  | 1   |      | 2   |       |       |     |       |         |         | 3      | 3             |
| Obs6 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs7 (flow during saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs7 (flow out of saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs8 (flow during saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 3             |
| Obs8 (flow out of saturation)  | 6   |      | 1   |       |       |     |       |         |         | 7      | 8             |
| Obs9 (flow during saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs9 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs10 (flow during saturation) | 2   |      |     | 1     |       |     |       |         |         | 3      | 4             |
| Obs10 (flow out of saturation) | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs11 (flow during saturation) | 4   |      |     | 1     | 1     |     |       |         |         | 6      | 8             |
| Obs11 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs12 (flow during saturation) | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs12 (flow out of saturation) | 6   |      |     |       |       |     |       |         |         | 6      | 6             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

|                  |        |
|------------------|--------|
| Average Sat Flow | 2046   |
| Average DoS      | 44.47% |
| Sat Flow Obs     | 3      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU Total (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|-------------------------------|
| 12  | 30.33              | 30.33                        | 65.33              | 7.67         | 422.4                         |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
A - INTERNAL Eastbound  
3) Central 2

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 17:00:49       | 17:01:54 | 17:02:58 | 17:04:04 | 17:05:08 | 17:06:13 | 17:07:21 | 17:08:25 | 17:09:29 | 17:10:37 | 17:11:42 | 17:12:47 |
| Time at start of full demand if different to green          |                |          |          |          |          |          |          |          |          |          | 17:11:56 |          |
| End of Saturation/Full Demand                               | 17:00:49       | 17:01:55 | 17:03:02 | 17:04:06 | 17:05:08 | 17:06:13 | 17:07:21 | 17:08:38 | 17:09:29 | 17:10:37 | 17:12:05 | 17:12:54 |
| Amber                                                       | 17:01:17       | 17:02:22 | 17:03:28 | 17:04:35 | 17:05:41 | 17:06:45 | 17:07:50 | 17:08:58 | 17:10:01 | 17:11:06 | 17:12:11 | 17:13:17 |
| Red                                                         | 17:01:20       | 17:02:25 | 17:03:31 | 17:04:38 | 17:05:44 | 17:06:48 | 17:07:53 | 17:09:01 | 17:10:04 | 17:11:09 | 17:12:14 | 17:13:20 |
| Green                                                       | 17:01:54       | 17:02:58 | 17:04:04 | 17:05:08 | 17:06:13 | 17:07:21 | 17:08:25 | 17:09:29 | 17:10:37 | 17:11:42 | 17:12:47 | 17:13:53 |
| Total                                                       | 00:01:05       | 00:01:04 | 00:01:06 | 00:01:04 | 00:01:05 | 00:01:08 | 00:01:04 | 00:01:04 | 00:01:08 | 00:01:05 | 00:01:05 | 00:01:06 |
| Cycle Time (s)                                              | 65             | 64       | 66       | 64       | 65       | 68       | 64       | 64       | 68       | 65       | 65       | 66       |
| Green Time (s)                                              | 28             | 28       | 30       | 31       | 33       | 32       | 29       | 33       | 32       | 29       | 29       | 30       |
| Saturation Time (s)                                         | 0              | 1        | 4        | 2        | 0        | 0        | 0        | 13       | 0        | 0        | 9        | 7        |
| Effective Green                                             | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Waste)                               | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 14       | 0        |
| Saturated PCU                                               | 0              | 1        | 1        | 2        | 0        | 0        | 0        | 5        | 0        | 0        | 5        | 3        |
| Non-Saturated PCU                                           | 3              | 1        | 5        | 1        | 2        | 3        | 1        | 0        | 4        | 2        | 1        | 2        |
| Cycle PCU                                                   | 3              | 2        | 6        | 3        | 2        | 3        | 1        | 5        | 4        | 2        | 6        | 5        |
| Effective Green (insert number of additional seconds below) | 25.00          | 25.00    | 30.00    | 31.00    | 33.00    | 32.00    | 29.00    | 33.00    | 32.00    | 29.00    | 29.00    | 30.00    |
| 0.00                                                        |                |          |          |          |          |          |          |          |          |          |          |          |
| Sat Flow                                                    | 0              | 3600     | 900      | 3600     | 0        | 0        | 0        | 1385     | 0        | 0        | 2000     | 1543     |
| Use Sat Flow?                                               | No             | No       | No       | No       | No       | No       | No       | Yes      | No       | No       | No       | No       |
| Free Flow Conditions?                                       | Yes            | Yes      | No       | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | No       | Yes      | Yes      |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs1 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs2 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs2 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs3 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs3 (flow out of saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs4 (flow during saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs4 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs5 (flow during saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs5 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs6 (flow during saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs6 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs7 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs7 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs8 (flow during saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs8 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs9 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs9 (flow out of saturation)  | 2   |      |     |       | 1     |     |       |         |         | 3      | 4             |
| Obs10 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs10 (flow out of saturation) |     |      | 2   |       |       |     |       |         |         | 2      | 2             |
| Obs11 (flow during saturation) | 2   |      |     | 1     | 1     |     |       |         |         | 4      | 5             |
| Obs11 (flow out of saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs12 (flow during saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs12 (flow out of saturation) | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |                    |                              |                    |              |                               |  |  |  |  |  |  |
|------------------|--------------------|------------------------------|--------------------|--------------|-------------------------------|--|--|--|--|--|--|
| Average Sat Flow | 1385               |                              |                    |              |                               |  |  |  |  |  |  |
| Average DoS      | 30.00%             |                              |                    |              |                               |  |  |  |  |  |  |
| Sat Flow Obs     | 1                  |                              |                    |              |                               |  |  |  |  |  |  |
| Obs              | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU/Total (from count) |  |  |  |  |  |  |
| 12               | 30.33              | 30.33                        | 65.33              | 3.50         | 192.9                         |  |  |  |  |  |  |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
A - INTERNAL Eastbound  
4 Outside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 17:00:49       | 17:01:54 | 17:02:58 | 17:04:04 | 17:05:08 | 17:06:13 | 17:07:21 | 17:08:25 | 17:09:29 | 17:10:37 | 17:11:42 | 17:12:47 |
| Time at start of full demand if different to green |                |          |          |          |          | 17:06:23 |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 17:00:49       | 17:01:54 | 17:02:58 | 17:04:04 | 17:05:08 | 17:06:33 | 17:07:21 | 17:08:25 | 17:09:29 | 17:10:37 | 17:11:42 | 17:12:47 |
| Amber                                              | 17:01:17       | 17:02:22 | 17:03:28 | 17:04:35 | 17:05:41 | 17:06:45 | 17:07:50 | 17:08:58 | 17:10:01 | 17:11:06 | 17:12:11 | 17:13:17 |
| Red                                                | 17:01:20       | 17:02:25 | 17:03:31 | 17:04:38 | 17:05:44 | 17:06:48 | 17:07:53 | 17:09:01 | 17:10:04 | 17:11:09 | 17:12:14 | 17:13:20 |
| Green                                              | 17:01:54       | 17:02:58 | 17:04:04 | 17:05:08 | 17:06:13 | 17:07:21 | 17:08:25 | 17:09:29 | 17:10:37 | 17:11:42 | 17:12:47 | 17:13:53 |

|                               |          |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Total                         | 00:01:05 | 00:01:04 | 00:01:06 | 00:01:04 | 00:01:05 | 00:01:08 | 00:01:04 | 00:01:04 | 00:01:08 | 00:01:05 | 00:01:05 | 00:01:05 |
| Cycle Time (s)                | 65       | 64       | 66       | 64       | 65       | 68       | 64       | 64       | 68       | 65       | 65       | 66       |
| Green Time (s)                | 28       | 28       | 30       | 31       | 33       | 32       | 29       | 33       | 32       | 29       | 29       | 30       |
| Saturation Time (s)           | 0        | 0        | 0        | 0        | 0        | 10       | 0        | 0        | 0        | 0        | 0        | 0        |
| Effective Green               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Waste) | 0        | 0        | 0        | 0        | 0        | 10       | 0        | 0        | 0        | 0        | 0        | 0        |

|                   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| Saturated PCU     | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-Saturated PCU | 4 | 2 | 3 | 1 | 3 | 0 | 2 | 0 | 4 | 1 | 3 | 2 |
| Cycle PCU         | 4 | 2 | 3 | 1 | 3 | 5 | 2 | 0 | 4 | 1 | 3 | 2 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 28.00 | 28.00 | 30.00 | 31.00 | 33.00 | 32.00 | 29.00 | 33.00 | 32.00 | 29.00 | 29.00 | 30.00 |
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |       |

|                       |    |    |    |    |     |      |     |     |    |     |    |     |
|-----------------------|----|----|----|----|-----|------|-----|-----|----|-----|----|-----|
| Sat Flow              | 0  | 0  | 0  | 0  | 0   | 1800 | 0   | 0   | 0  | 0   | 0  | 0   |
| Use Sat Flow?         | No | No | No | No | No  | No   | No  | No  | No | No  | No | No  |
| Free Flow Conditions? | No | No | No | No | Yes | Yes  | Yes | Yes | No | Yes | No | Yes |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs1 (flow out of saturation)  | 1   |      | 1   | 1     |       |     |       |        |        | 3      | 4             |
| Obs2 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs2 (flow out of saturation)  |     |      |     | 1     |       |     |       |        |        | 1      | 2             |
| Obs3 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs3 (flow out of saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs4 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs4 (flow out of saturation)  | 1   |      |     |       |       |     |       |        |        | 0      | 1             |
| Obs5 (flow during saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs5 (flow out of saturation)  | 4   |      | 1   |       |       |     |       |        |        | 5      | 5             |
| Obs6 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs6 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs7 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs7 (flow out of saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs8 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs8 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs9 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs9 (flow out of saturation)  | 4   |      |     |       |       |     |       |        |        | 4      | 4             |
| Obs10 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs10 (flow out of saturation) | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs11 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs11 (flow out of saturation) | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs12 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs12 (flow out of saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |                    |                              |                    |              |                               |  |  |  |  |  |  |
|------------------|--------------------|------------------------------|--------------------|--------------|-------------------------------|--|--|--|--|--|--|
| Average Sat Flow | #DIV/0!            |                              |                    |              |                               |  |  |  |  |  |  |
| Average DoS      | #DIV/0!            |                              |                    |              |                               |  |  |  |  |  |  |
| Sat Flow Obs     | 0                  |                              |                    |              |                               |  |  |  |  |  |  |
| Obs              | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU Total (from count) |  |  |  |  |  |  |
| 12               | 30.33              | 30.33                        | 65.33              | 2.50         | 137.8                         |  |  |  |  |  |  |

5 - The Parkway/Hayes Road/N Hyde Road  
B - Hayes Road (E) Westbound  
1) - Kerbside (left lane)

[illegible]

|                  |        |
|------------------|--------|
| Average Sat Flow | 1367   |
| Average DoS      | 79.18% |
| Sat Flow Obs     | 6      |

Site  
Approach  
Lane

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 17:15:14       | 17:16:16 | 17:17:19 | 17:20:23 | 17:19:26 | 17:20:30 | 17:21:36 | 17:22:41 | 17:23:42 | 17:24:51 | 17:25:54 | 17:26:56 |
| Time at start of full demand if different to green          |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                               | 17:15:33       | 17:16:32 | 17:17:28 | 17:18:30 | 17:19:28 | 17:20:46 | 17:21:46 | 17:22:57 | 17:24:01 | 17:25:11 | 17:26:08 | 17:26:12 |
| Amber                                                       | 17:15:35       | 17:16:37 | 17:17:37 | 17:18:43 | 17:19:45 | 17:20:49 | 17:21:53 | 17:22:57 | 17:24:02 | 17:25:11 | 17:26:12 | 17:27:13 |
| Red                                                         | 17:15:38       | 17:16:37 | 17:17:40 | 17:18:46 | 17:19:48 | 17:20:52 | 17:21:56 | 17:22:50 | 17:24:05 | 17:25:14 | 17:26:15 | 17:27:16 |
| Green                                                       | 17:16:16       | 17:17:19 | 17:18:23 | 17:19:26 | 17:20:30 | 17:21:36 | 17:22:41 | 17:23:42 | 17:24:54 | 17:25:54 | 17:26:56 | 17:27:52 |
| Total                                                       | 00:01:02       | 00:01:03 | 00:01:04 | 00:01:03 | 00:01:04 | 00:01:06 | 00:01:05 | 00:01:01 | 00:01:12 | 00:01:00 | 00:00:56 | 00:01:02 |
| Cycle Time (s)                                              | 62             | 63       | 64       | 63       | 64       | 66       | 65       | 61       | 72       | 60       | 56       | 62       |
| Green Time (s)                                              | 21             | 21       | 18       | 20       | 19       | 19       | 17       | 16       | 20       | 17       | 18       | 23       |
| Saturation Time (s)                                         | 19             | 16       | 9        | 7        | 2        | 16       | 10       | 12       | 19       | 17       | 14       | 9        |
| Effective Green                                             | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)                        | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                               | 8              | 8        | 4        | 4        | 2        | 7        | 5        | 5        | 8        | 12       | 6        | 3        |
| Non-Saturated PCU                                           | 1              | 1        | 0        | 2        | 5        | 5        | 0        | 1        | 2        | 1        | 1        | 0        |
| Cycle PCU                                                   | 9              | 8        | 8        | 10       | 7        | 7        | 5        | 6        | 8        | 13       | 7        | 3        |
| Effective Green (insert number of additional seconds below) | 0.00           |          |          |          |          |          |          |          |          |          |          |          |
|                                                             | 21.00          | 21.00    | 18.00    | 20.00    | 19.00    | 18.00    | 17.00    | 16.00    | 20.00    | 17.00    | 18.00    | 23.00    |
| Sat Flow                                                    | 1516           | 1800     | 2400     | 2057     | 3600     | 1575     | 1800     | 1550     | 1516     | 2541     | 1543     | 1200     |
| Use Sat Flow?                                               | Yes            | Yes      | No       | No       | No       | Yes      | No       | Yes      | Yes      | Yes      | Yes      | No       |
| Free Flow Conditions?                                       | Yes            | Yes      | Yes      | Yes      | Yes      | No       | Yes      | Yes      | No       | Yes      | Yes      | Yes      |

[illegible][illegible]

|                  |        |
|------------------|--------|
|                  |        |
| Average Sat Flow | 1780   |
| Average DoS      | 80.37% |
| Sat Flow Obs     | 5      |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
8 - Hayes Road (E) Westbound  
3) Central 2

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 17:15:14       | 17:16:16 | 17:17:19 | 17:18:23 | 17:19:26 | 17:20:30 | 17:21:36 | 17:22:41 | 17:23:42 | 17:24:54 | 17:25:54 | 17:26:50 |
| Time at start of full demand if different to green          |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                               | 17:15:21       | 17:16:20 | 17:17:19 | 17:18:27 | 17:19:26 | 17:20:33 | 17:21:45 | 17:22:57 | 17:23:46 | 17:25:03 | 17:25:59 | 17:27:00 |
| Amber                                                       | 17:15:35       | 17:16:37 | 17:17:37 | 17:18:43 | 17:19:45 | 17:20:49 | 17:21:53 | 17:22:57 | 17:24:02 | 17:25:11 | 17:26:12 | 17:27:13 |
| Red                                                         | 17:15:38       | 17:16:40 | 17:17:40 | 17:18:46 | 17:19:48 | 17:20:52 | 17:21:56 | 17:23:00 | 17:24:05 | 17:25:14 | 17:26:15 | 17:27:16 |
| Green                                                       | 17:16:16       | 17:17:18 | 17:18:23 | 17:19:26 | 17:20:30 | 17:21:36 | 17:22:41 | 17:23:42 | 17:24:54 | 17:25:54 | 17:26:50 | 17:27:52 |
| Total                                                       | 00:01:02       | 00:01:03 | 00:01:04 | 00:01:03 | 00:01:04 | 00:01:06 | 00:01:05 | 00:01:01 | 00:01:12 | 00:01:00 | 00:00:56 | 00:01:02 |
| Cycle Time (s)                                              | 62             | 63       | 64       | 63       | 64       | 66       | 65       | 61       | 72       | 60       | 56       | 62       |
| Green Time (s)                                              | 21             | 21       | 18       | 20       | 19       | 19       | 17       | 16       | 25       | 17       | 18       | 23       |
| Saturation Time (s)                                         | 7              | 4        | 0        | 4        | 0        | 3        | 9        | 16       | 4        | 9        | 5        | 10       |
| Effective Green                                             | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted G)                            | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                               | 3              | 2        | 0        | 2        | 0        | 2        | 5        | 5        | 4        | 4        | 0        | 3        |
| Non-Saturated PCU                                           | 2              | 2        | 3        | 3        | 2        | 2        | 1        | 0        | 5        | 2        | 4        | 4        |
| Cycle PCU                                                   | 5              | 4        | 3        | 5        | 2        | 4        | 6        | 5        | 9        | 6        | 4        | 7        |
| Effective Green (insert number of additional seconds below) | 21.00          | 21.00    | 18.00    | 20.00    | 19.00    | 19.00    | 17.00    | 16.00    | 20.00    | 17.00    | 18.00    | 23.00    |
| 0.00                                                        |                |          |          |          |          |          |          |          |          |          |          |          |
| Sat Flow                                                    | 1543           | 1800     | 0        | 1800     | 0        | 2400     | 2000     | 1125     | 3600     | 1600     | 0        | 1080     |
| Use Sat Flow?                                               | No             | No       | No       | No       | No       | No       | No       | Yes      | No       | No       | No       | No       |
| Free Flow Conditions?                                       | Yes            | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | No       | Yes      | No       | Yes      |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs1 (flow out of saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs2 (flow during saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs2 (flow out of saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs3 (flow during saturation)  | 0   |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs3 (flow out of saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs4 (flow during saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs4 (flow out of saturation)  | 1   |      |     | 1     |       |     |       |        |        | 2      | 3             |
| Obs5 (flow during saturation)  | 0   |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs5 (flow out of saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs6 (flow during saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs6 (flow out of saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs7 (flow during saturation)  | 5   |      |     |       |       |     |       |        |        | 5      | 5             |
| Obs7 (flow out of saturation)  | 0   |      | 1   |       |       |     |       |        |        | 1      | 3             |
| Obs8 (flow during saturation)  | 3   |      |     | 1     |       |     |       |        |        | 4      | 5             |
| Obs8 (flow out of saturation)  | 0   |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs9 (flow during saturation)  | 2   |      |     | 1     |       |     |       |        |        | 3      | 4             |
| Obs9 (flow out of saturation)  | 5   |      |     |       |       |     |       |        |        | 5      | 5             |
| Obs10 (flow during saturation) | 3   |      | 1   |       |       |     |       |        |        | 4      | 4             |
| Obs10 (flow out of saturation) | 1   |      | 1   |       |       |     |       |        |        | 2      | 3             |
| Obs11 (flow during saturation) | 0   |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs11 (flow out of saturation) | 3   |      | 1   |       |       |     |       |        |        | 4      | 4             |
| Obs12 (flow during saturation) | 2   |      | 1   |       |       |     |       |        |        | 3      | 3             |
| Obs12 (flow out of saturation) | 4   |      |     |       |       |     |       |        |        | 4      | 4             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Obs13                                                                               | Obs14    | Obs15    | Obs16    | Obs17    | Obs18    | Obs19    | Obs20    | Obs21    | Obs22    |          |          |
|                                                                                     |          |          |          |          |          |          |          |          |          |          |          |
|                                                                                     |          |          |          |          |          |          |          |          |          |          |          |
|                                                                                     |          |          |          |          |          |          |          |          |          |          |          |
|                                                                                     |          |          |          |          |          |          |          |          |          |          |          |
|                                                                                     |          |          |          |          |          |          |          |          |          |          |          |
| 00:00:00                                                                            | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0.00                                                                                | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0.00                                                                                | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| 0                                                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| No                                                                                  | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       |
| No                                                                                  | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1125   |
| Average DoS      | 83.84% |
| Sat Flow Obs     | 1      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU/Total (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|-------------------------------|
| 12  | 19.08              | 19.08                        | 63.17              | 5.00         | 285.0                         |

5 - The Parkway/Hayes Road/N Hyde Road  
B - Hayes Road (E) Westbound  
4) Outside

[illegible]

|                  |        |     |                    |                              |                    |              |                              |
|------------------|--------|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| Average Sat Flow | 900    | Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
| Average DoS      | 80.35% | 12  | 19.08              | 19.08                        | 63.17              | 3.83         | 218.5                        |
| Sat Flow Obs     | 2      |     |                    |                              |                    |              |                              |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
B - INTERNAL Southbound  
3) - Kerbside

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 17:00:16       | 17:01:25 | 17:02:33 | 17:03:41 | 17:04:42 | 17:05:51 | 17:06:56 | 17:08:03 | 17:09:08 | 17:10:11 | 17:11:13 | 17:12:20 |
| Time at start of full demand if different to green          |                |          |          |          |          |          |          |          | 17:09:22 |          | 17:11:25 |          |
| End of Saturation/Full Demand                               | 17:00:18       | 17:01:28 | 17:02:47 | 17:03:52 | 17:04:52 | 17:05:54 | 17:07:14 | 17:08:31 | 17:09:27 | 17:10:12 | 17:11:28 | 17:12:29 |
| Amber                                                       | 17:00:53       | 17:02:01 | 17:03:09 | 17:04:14 | 17:05:23 | 17:06:24 | 17:07:31 | 17:08:40 | 17:09:41 | 17:10:42 | 17:11:50 | 17:13:01 |
| Red                                                         | 17:00:56       | 17:02:04 | 17:03:12 | 17:04:17 | 17:05:26 | 17:06:27 | 17:07:34 | 17:08:43 | 17:09:44 | 17:10:45 | 17:11:53 | 17:13:04 |
| Green                                                       | 17:01:25       | 17:02:33 | 17:03:41 | 17:04:42 | 17:05:51 | 17:06:56 | 17:08:03 | 17:09:08 | 17:10:11 | 17:11:13 | 17:12:20 | 17:13:30 |
| Total                                                       | 00:01:09       | 00:01:08 | 00:01:08 | 00:01:01 | 00:01:09 | 00:01:05 | 00:01:07 | 00:01:05 | 00:01:03 | 00:01:02 | 00:01:07 | 00:01:10 |
| Cycle Time (s)                                              | 69             | 68       | 68       | 61       | 69       | 65       | 67       | 65       | 63       | 62       | 67       | 70       |
| Green Time (s)                                              | 37             | 36       | 36       | 33       | 41       | 33       | 35       | 37       | 33       | 31       | 37       | 41       |
| Saturation Time (s)                                         | 2              | 3        | 14       | 11       | 10       | 3        | 18       | 28       | 5        | 1        | 4        | 3        |
| Effective Green                                             | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)                        | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 14       | 0        | 12       | 0        |
| Saturated PCU                                               | 1              | 1        | 4        | 4        | 3        | 1        | 5        | 10       | 3        | 1        | 3        | 2        |
| Non-Saturated PCU                                           | 7              | 5        | 6        | 6        | 2        | 6        | 0        | 3        | 1        | 6        | 3        | 7        |
| Cycle PCU                                                   | 8              | 6        | 10       | 10       | 5        | 7        | 5        | 13       | 4        | 7        | 6        | 9        |
| Effective Green (insert number of additional seconds below) | 37.00          | 36.00    | 36.00    | 33.00    | 41.00    | 33.00    | 35.00    | 37.00    | 33.00    | 31.00    | 37.00    | 41.00    |
| 0.00                                                        |                |          |          |          |          |          |          |          |          |          |          |          |
| Sat Flow                                                    | 1800           | 1200     | 1029     | 1309     | 1080     | 1200     | 1000     | 1286     | 2160     | 3600     | 2700     | 2400     |
| Use Sat Flow?                                               | No             | No       | Yes      | No       | No       | No       | Yes      | Yes      | No       | No       | No       | No       |
| Free Flow Conditions?                                       | Yes            | No       | No       | No       | No       | No       | No       | Yes      | No       | Yes      | No       | Yes      |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs1 (flow out of saturation)  | 6   |      | 1   |       |       |     |       | 1       |         | 8      | 7             |
| Obs2 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs2 (flow out of saturation)  | 3   |      |     |       | 1     |     |       |         |         | 4      | 5             |
| Obs3 (flow during saturation)  | 3   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs3 (flow out of saturation)  | 4   |      | 1   |       |       | 1   |       |         |         | 5      | 6             |
| Obs4 (flow during saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs4 (flow out of saturation)  | 4   |      |     | 1     |       |     |       |         |         | 5      | 6             |
| Obs5 (flow during saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs5 (flow out of saturation)  | 1   | 1    |     |       |       |     |       |         |         | 2      | 2             |
| Obs6 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs6 (flow out of saturation)  | 2   |      |     | 2     |       |     |       |         |         | 5      | 6             |
| Obs7 (flow during saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs7 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs8 (flow during saturation)  | 9   |      | 1   |       |       |     |       |         |         | 10     | 10            |
| Obs8 (flow out of saturation)  | 1   |      |     | 1     |       |     |       |         |         | 2      | 3             |
| Obs9 (flow during saturation)  | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs9 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs10 (flow during saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs10 (flow out of saturation) | 4   |      |     | 1     |       |     |       |         |         | 5      | 6             |
| Obs11 (flow during saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs11 (flow out of saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs12 (flow during saturation) | 1   |      |     |       | 1     |     |       |         |         | 1      | 2             |
| Obs12 (flow out of saturation) | 5   |      |     | 1     |       |     |       | 1       |         | 7      | 7             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1286   |
| Average DoS      | 58.60% |
| Sat Flow Obs     | 1      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU Total (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|-------------------------------|
| 12  | 35.83              | 35.83                        | 66.17              | 7.50         | 408.1                         |

5 - The Parkway/Hayes Road/N Hyde Road  
B - INTERNAL Southbound  
2) Central 1

[illegible]

|                  |        |
|------------------|--------|
| Average Sat Flow | 1754   |
| Average DoS      | 60.16% |
| Sat Flow Obs     | 3      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 35.83              | 35.83                        | 66.17              | 10.50        | 571.3                        |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
8 - INTERNAL Southbound  
3) Central 2

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 17:00:16       | 17:01:25 | 17:02:33 | 17:03:41 | 17:04:42 | 17:05:51 | 17:06:56 | 17:08:03 | 17:09:08 | 17:10:11 | 17:11:13 | 17:12:20 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 17:00:18       | 17:01:50 | 17:02:48 | 17:03:51 | 17:05:10 | 17:06:09 | 17:07:18 | 17:08:22 | 17:09:31 | 17:10:16 | 17:11:30 | 17:12:32 |
| Amber                                              | 17:00:53       | 17:02:01 | 17:03:09 | 17:04:14 | 17:05:23 | 17:06:24 | 17:07:31 | 17:08:40 | 17:09:41 | 17:10:42 | 17:11:50 | 17:13:01 |
| Red                                                | 17:00:56       | 17:02:04 | 17:03:12 | 17:04:17 | 17:05:26 | 17:06:27 | 17:07:34 | 17:08:43 | 17:09:44 | 17:10:45 | 17:11:53 | 17:13:04 |
| Green                                              | 17:01:25       | 17:02:33 | 17:03:41 | 17:04:42 | 17:05:51 | 17:06:56 | 17:08:03 | 17:09:08 | 17:10:11 | 17:11:13 | 17:12:20 | 17:13:30 |

|                               |          |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Total                         | 00:01:09 | 00:01:08 | 00:01:08 | 00:01:01 | 00:01:09 | 00:01:05 | 00:01:07 | 00:01:05 | 00:01:03 | 00:01:02 | 00:01:07 | 00:01:10 |
| Cycle Time (s)                | 69       | 68       | 68       | 61       | 69       | 65       | 67       | 65       | 63       | 62       | 67       | 70       |
| Green Time (s)                | 37       | 36       | 36       | 33       | 41       | 33       | 35       | 37       | 33       | 31       | 37       | 41       |
| Saturation Time (s)           | 2        | 25       | 15       | 10       | 28       | 9        | 22       | 19       | 23       | 5        | 17       | 12       |
| Effective Green               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Waste) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|                   |    |    |   |   |    |   |   |   |   |    |    |    |
|-------------------|----|----|---|---|----|---|---|---|---|----|----|----|
| Saturated PCU     | 1  | 10 | 5 | 4 | 11 | 3 | 9 | 6 | 8 | 4  | 8  | 6  |
| Non-Saturated PCU | 10 | 0  | 0 | 0 | 0  | 4 | 0 | 2 | 0 | 6  | 3  | 9  |
| Cycle PCU         | 11 | 10 | 5 | 4 | 11 | 7 | 9 | 8 | 8 | 10 | 11 | 15 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 37.00 | 36.00 | 36.00 | 33.00 | 41.00 | 33.00 | 35.00 | 37.00 | 33.00 | 31.00 | 37.00 | 41.00 |
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Sat Flow                                                    | 1800  | 1440  | 1200  | 1440  | 1414  | 1200  | 1473  | 1137  | 1252  | 2880  | 1694  | 1800  |
| Use Sat Flow?                                               | No    | Yes   | Yes   | No    | Yes   | No    | Yes   | Yes   | Yes   | No    | Yes   | Yes   |
| Free Flow Conditions?                                       | No    | No    | No    | No    | No    | No    | No    | No    | No    | Yes   | Yes   | Yes   |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  |     |      |     | 1     |       |     |       |         |         | 1      | 1             |
| Obs1 (flow out of saturation)  | 9   |      |     | 1     |       |     |       |         |         | 10     | 10            |
| Obs2 (flow during saturation)  | 6   |      |     | 2     | 1     |     |       |         |         | 9      | 10            |
| Obs2 (flow out of saturation)  | 3   |      |     |       | 1     |     |       |         |         | 4      | 5             |
| Obs3 (flow during saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs3 (flow out of saturation)  | 2   |      |     |       | 1     |     |       |         |         | 3      | 4             |
| Obs4 (flow during saturation)  | 10  |      |     | 1     |       |     |       |         |         | 11     | 11            |
| Obs4 (flow out of saturation)  | 2   |      |     | 1     |       |     |       |         |         | 3      | 3             |
| Obs5 (flow during saturation)  | 3   |      |     | 1     |       |     |       |         |         | 4      | 4             |
| Obs5 (flow out of saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs6 (flow during saturation)  | 6   |      |     |       |       |     |       |         |         | 6      | 6             |
| Obs6 (flow out of saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs7 (flow during saturation)  | 6   |      |     | 2     |       |     |       |         |         | 8      | 8             |
| Obs7 (flow out of saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs8 (flow during saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs8 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs9 (flow during saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs9 (flow out of saturation)  | 3   | 1    |     |       |       |     |       | 1       |         | 5      | 6             |
| Obs10 (flow during saturation) | 5   |      |     | 1     |       |     |       |         |         | 6      | 6             |
| Obs10 (flow out of saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs11 (flow during saturation) | 6   |      |     |       |       |     |       |         |         | 6      | 6             |
| Obs11 (flow out of saturation) | 9   |      |     |       |       |     |       |         |         | 9      | 9             |
| Obs12 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs12 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

|                  |                    |                              |                    |              |                               |  |  |  |  |  |  |
|------------------|--------------------|------------------------------|--------------------|--------------|-------------------------------|--|--|--|--|--|--|
| Average Sat Flow | 1747               |                              |                    |              |                               |  |  |  |  |  |  |
| Average DoS      | 52.23%             |                              |                    |              |                               |  |  |  |  |  |  |
| Sat Flow Obs     | 2                  |                              |                    |              |                               |  |  |  |  |  |  |
| Obs              | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU Total (from count) |  |  |  |  |  |  |
| 12               | 35.83              | 35.83                        | 66.17              | 9.08         | 494.2                         |  |  |  |  |  |  |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
B - INTERNAL Southbound  
4/Outside

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 17:00:16       | 17:01:25 | 17:02:33 | 17:03:41 | 17:04:42 | 17:05:51 | 17:06:56 | 17:08:03 | 17:09:08 | 17:10:11 | 17:11:13 | 17:12:20 |
| Time at start of full demand if different to green          |                |          |          | 17:03:55 |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                               | 17:00:17       | 17:01:25 | 17:02:53 | 17:04:01 | 17:04:42 | 17:05:51 | 17:07:02 | 17:08:10 | 17:09:08 | 17:10:11 | 17:11:13 | 17:12:30 |
| Amber                                                       | 17:00:53       | 17:02:01 | 17:03:09 | 17:04:14 | 17:05:23 | 17:06:24 | 17:07:31 | 17:08:40 | 17:09:41 | 17:10:42 | 17:11:50 | 17:13:01 |
| Red                                                         | 17:00:56       | 17:02:04 | 17:03:12 | 17:04:17 | 17:05:26 | 17:06:27 | 17:07:34 | 17:08:43 | 17:09:44 | 17:10:45 | 17:11:53 | 17:13:04 |
| Green                                                       | 17:01:25       | 17:02:33 | 17:03:41 | 17:04:42 | 17:05:51 | 17:06:56 | 17:08:03 | 17:09:08 | 17:10:11 | 17:11:13 | 17:12:20 | 17:13:30 |
| Total                                                       | 00:01:09       | 00:01:08 | 00:01:08 | 00:01:01 | 00:01:09 | 00:01:05 | 00:01:07 | 00:01:05 | 00:01:03 | 00:01:02 | 00:01:07 | 00:01:10 |
| Cycle Time (s)                                              | 69             | 68       | 68       | 61       | 69       | 65       | 67       | 65       | 63       | 62       | 67       | 70       |
| Green Time (s)                                              | 37             | 36       | 36       | 33       | 41       | 33       | 35       | 37       | 33       | 31       | 37       | 41       |
| Saturation Time (s)                                         | 1              | 0        | 20       | 6        | 0        | 0        | 6        | 7        | 0        | 0        | 0        | 0        |
| Effective Green                                             | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)                        | 0              | 0        | 0        | 14       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                               | 1              | 0        | 6        | 4        | 0        | 0        | 3        | 3        | 0        | 0        | 0        | 0        |
| Non-Saturated PCU                                           | 0              | 8        | 1        | 1        | 8        | 1        | 3        | 2        | 2        | 3        | 2        | 2        |
| Cycle PCU                                                   | 1              | 8        | 7        | 5        | 8        | 1        | 6        | 5        | 2        | 3        | 2        | 2        |
| Effective Green (insert number of additional seconds below) | 37.00          | 36.00    | 36.00    | 33.00    | 41.00    | 33.00    | 35.00    | 37.00    | 33.00    | 31.00    | 37.00    | 41.00    |
| 0.00                                                        |                |          |          |          |          |          |          |          |          |          |          |          |
| Sat Flow                                                    | 3600           | 0        | 1080     | 2400     | 0        | 0        | 1800     | 1543     | 0        | 0        | 0        | 0        |
| Use Sat Flow?                                               | No             | No       | Yes      | No       | No       | No       | No       | No       | No       | No       | No       | No       |
| Free Flow Conditions?                                       | No             | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs1 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs2 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs2 (flow out of saturation)  | 6   |      |     | 1     |       |     |       |         |         | 7      | 8             |
| Obs3 (flow during saturation)  | 5   |      | 1   |       |       |     |       |         |         | 6      | 6             |
| Obs3 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs4 (flow during saturation)  | 2   |      |     | 1     |       |     |       |         |         | 3      | 4             |
| Obs4 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs5 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs5 (flow out of saturation)  | 6   |      |     | 1     |       |     |       |         |         | 7      | 8             |
| Obs6 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs6 (flow out of saturation)  |     |      | 1   |       |       |     |       |         |         | 1      | 1             |
| Obs7 (flow during saturation)  |     |      | 3   |       |       |     |       |         |         | 3      | 3             |
| Obs7 (flow out of saturation)  | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs8 (flow during saturation)  | 3   |      |     |       |       |     |       | 1       |         | 4      | 3             |
| Obs8 (flow out of saturation)  | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs9 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs9 (flow out of saturation)  |     |      |     |       |       |     |       |         | 1       | 0      | 0             |
| Obs10 (flow during saturation) | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow during saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs11 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs12 (flow during saturation) | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs12 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

|                  |         |
|------------------|---------|
| Average Sat Flow | #DIV/0! |
| Average DOs      | #DIV/0! |
| Sat Flow Obs     | 0       |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU Total (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|-------------------------------|
| 12  | 35.83              | 35.83                        | 66.17              | 4.17         | 226.7                         |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
C - The Parkway (S) Northbound  
1) - Kerbside (left lane)

|                                                                     | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|---------------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                                     | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                                      | 17:15:33       | 17:16:43 | 17:17:43 | 17:18:45 | 17:19:51 | 17:20:57 | 17:21:56 | 17:23:06 | 17:24:12 | 17:25:10 | 17:26:07 | 17:27:11 |
| Time at start of full demand if different to green                  |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                                       | 17:16:04       | 17:17:00 | 17:18:01 | 17:19:04 | 17:19:52 | 17:21:18 | 17:22:18 | 17:23:25 | 17:24:18 | 17:25:42 | 17:26:24 | 17:27:19 |
| Amber                                                               | 17:16:01       | 17:17:08 | 17:18:14 | 17:19:18 | 17:20:21 | 17:21:22 | 17:22:24 | 17:23:27 | 17:24:40 | 17:25:41 | 17:26:42 | 17:27:43 |
| Red                                                                 | 17:16:04       | 17:17:11 | 17:18:17 | 17:19:21 | 17:21:24 | 17:21:25 | 17:22:27 | 17:23:30 | 17:24:43 | 17:25:44 | 17:26:45 | 17:27:46 |
| Green                                                               | 17:16:43       | 17:17:43 | 17:18:45 | 17:19:51 | 17:20:57 | 17:21:56 | 17:23:06 | 17:24:12 | 17:25:10 | 17:26:07 | 17:27:11 | 17:28:14 |
| Total                                                               | 00:01:10       | 00:01:00 | 00:01:02 | 00:01:06 | 00:01:06 | 00:00:59 | 00:01:10 | 00:01:06 | 00:00:58 | 00:00:57 | 00:01:04 | 00:01:03 |
| Cycle Time (s)                                                      | 70             | 60       | 62       | 66       | 66       | 59       | 70       | 66       | 58       | 57       | 64       | 63       |
| Green Time (s)                                                      | 28             | 25       | 31       | 33       | 30       | 25       | 28       | 21       | 28       | 31       | 35       | 32       |
| Saturation Time (s)                                                 | 31             | 17       | 18       | 19       | 1        | 21       | 22       | 19       | 6        | 32       | 17       | 8        |
| Effective Green                                                     | 3              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)                                | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                                       | 17             | 10       | 10       | 10       | 1        | 11       | 12       | 10       | 4        | 14       | 6        | 4        |
| Non-Saturated PCU                                                   | 0              | 4        | 6        | 2        | 13       | 1        | 1        | 0        | 8        | 0        | 10       | 7        |
| Cycle PCU                                                           | 17             | 14       | 16       | 12       | 14       | 12       | 13       | 10       | 12       | 14       | 16       | 11       |
| Effective Green (insert number of additional seconds below)<br>0.18 | 28.18          | 25.18    | 31.18    | 33.18    | 30.18    | 25.18    | 28.18    | 21.18    | 28.18    | 31.18    | 35.18    | 32.18    |
| Sat Flow                                                            | 1974           | 2118     | 2000     | 1895     | 3600     | 1886     | 1964     | 1895     | 2400     | 1575     | 1271     | 1800     |
| Use Sat Flow?                                                       | Yes            | Yes      | Yes      | Yes      | No       | Yes      | Yes      | Yes      | No       | Yes      | Yes      | No       |
| Free Flow Conditions?                                               | Yes            | Yes      | Yes      | Yes      | No       | Yes      | Yes      | Yes      | No       | Yes      | Yes      | Yes      |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 11  |      | 1   | 2     | 1     |     |       |         |         | 15     | 17            |
| Obs1 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs2 (flow during saturation)  | 9   |      | 1   |       |       |     |       |         |         | 10     | 10            |
| Obs2 (flow out of saturation)  | 4   |      |     |       |       |     |       |         | 1       | 4      | 4             |
| Obs3 (flow during saturation)  | 10  |      |     |       |       |     |       |         | 1       | 11     | 10            |
| Obs3 (flow out of saturation)  | 4   |      | 1   |       |       |     |       |         |         | 5      | 6             |
| Obs4 (flow during saturation)  | 9   |      | 1   |       |       |     |       |         |         | 10     | 10            |
| Obs4 (flow out of saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs5 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs5 (flow out of saturation)  | 9   |      | 2   |       | 1     |     |       |         |         | 12     | 13            |
| Obs6 (flow during saturation)  | 8   |      | 1   | 1     |       |     |       |         |         | 10     | 11            |
| Obs6 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs7 (flow during saturation)  | 11  |      | 1   |       |       |     |       |         |         | 12     | 12            |
| Obs7 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs8 (flow during saturation)  | 7   |      | 3   |       |       |     |       |         |         | 10     | 10            |
| Obs8 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs9 (flow during saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs9 (flow out of saturation)  | 4   |      |     | 1     |       |     | 1     |         |         | 6      | 6             |
| Obs10 (flow during saturation) | 12  |      | 2   |       |       |     |       |         |         | 14     | 14            |
| Obs10 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow during saturation) | 6   |      |     |       |       |     |       |         |         | 6      | 6             |
| Obs11 (flow out of saturation) | 5   |      | 2   |       |       |     | 1     |         |         | 8      | 10            |
| Obs12 (flow during saturation) | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs12 (flow out of saturation) | 7   |      |     |       |       |     |       |         |         | 7      | 7             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1842   |
| Average DoS      | 90.12% |
| Sat Flow Obs     | 9      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU/Total (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|-------------------------------|
| 12  | 28.92              | 29.10                        | 63.42              | 13.42        | 761.6                         |

the flow stopped by slowly moving ogv2

Sit  
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|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 17:15:33       | 17:16:43 | 17:17:43 | 17:18:45 | 17:20:05 | 17:20:57 | 17:21:56 | 17:23:06 | 17:24:12 | 17:25:10 | 17:26:07 | 17:27:11 |
| Time at start of full demand if different to green          | 17:15:32       | 17:17:01 | 17:18:01 | 17:18:58 | 17:20:19 | 17:21:16 | 17:22:25 | 17:23:24 | 17:24:29 | 17:25:19 | 17:26:20 | 17:27:20 |
| End of Saturation/Full Demand                               | 17:16:52       | 17:17:06 | 17:18:05 | 17:18:18 | 17:20:21 | 17:21:22 | 17:22:24 | 17:23:27 | 17:24:32 | 17:25:22 | 17:26:23 | 17:27:26 |
| Red                                                         | 17:16:04       | 17:17:11 | 17:18:17 | 17:19:21 | 17:21:24 | 17:21:25 | 17:22:27 | 17:23:30 | 17:24:33 | 17:25:24 | 17:26:45 | 17:27:46 |
| Green                                                       | 17:16:43       | 17:17:43 | 17:18:45 | 17:19:51 | 17:21:07 | 17:21:56 | 17:23:06 | 17:24:12 | 17:25:10 | 17:26:07 | 17:27:11 | 17:28:14 |
| Total                                                       | 00:01:04       | 00:01:00 | 00:01:02 | 00:01:06 | 00:01:06 | 00:00:59 | 00:01:10 | 00:01:06 | 00:00:58 | 00:01:04 | 00:01:03 | 00:01:03 |
| Green Time (s)                                              | 70             | 60       | 62       | 66       | 66       | 59       | 70       | 66       | 58       | 57       | 64       | 63       |
| Cycle Time (s)                                              | 28             | 25       | 31       | 33       | 30       | 25       | 28       | 21       | 28       | 31       | 35       | 32       |
| Green Time (%)                                              | 19             | 18       | 17       | 9        | 14       | 17       | 29       | 18       | 17       | 9        | 9        | 3        |
| Effective Green                                             | 0              | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)                        | 0              | 0        | 0        | 0        | 14       | 2        | 0        | 0        | 0        | 9        | 13       | 6        |
| Saturated PCU                                               | 8              | 8        | 8        | 6        | 9        | 9        | 18       | 9        | 10       | 8        | 6        | 6        |
| Non-Saturated PCU                                           | 1              | 2        | 5        | 5        | 1        | 0        | 0        | 3        | 7        | 2        | 2        | 2        |
| Cycle PCU                                                   | 9              | 10       | 13       | 11       | 10       | 9        | 18       | 9        | 13       | 15       | 8        | 8        |
| Effective Green (insert number of additional seconds below) | 28.05          | 25.05    | 31.05    | 33.05    | 30.05    | 25.05    | 28.05    | 21.05    | 28.05    | 31.05    | 35.05    | 32.05    |
| 0.05                                                        |                |          |          |          |          |          |          |          |          |          |          |          |
| Sat Flow                                                    | 1516           | 1600     | 1600     | 1662     | 2314     | 1906     | 2234     | 1800     | 2118     | 3200     | 3086     | 7200     |
| Use Sat Flow?                                               | Yes            | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | No       | No       | No       |
| Free Flow Conditions?                                       | Yes            | Yes      | Yes      | Yes      | No       | Yes      | Yes      | Yes      | Yes      | Yes      | No       | Yes      |

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|                  |        |
|------------------|--------|
| Average Sat Flow | 1804   |
| Average DoS      | 76.35% |
| Sat Flow Obs     | 8      |



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| Start of Green                                     | 17:15:33 | 17:16:43 | 17:17:43 | 17:18:45 | 17:19:51 | 17:20:57 | 17:21:56 | 17:23:06 | 17:24:12 | 17:25:10 | 17:26:07 | 17:27:11 |
|----------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Time at start of full demand if different to green |          |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 17:15:38 |          |          |          |          |          | 17:20:59 |          |          | 17:25:14 |          |          |
| Amber                                              | 17:15:41 | 17:17:03 | 17:17:57 | 17:19:00 | 17:20:06 | 17:21:14 | 17:22:15 | 17:23:23 | 17:24:32 | 17:25:39 | 17:26:26 | 17:27:25 |
| Amber                                              | 17:16:01 | 17:17:03 | 17:18:14 | 17:19:18 | 17:20:21 | 17:21:22 | 17:22:24 | 17:23:27 | 17:24:30 | 17:25:34 | 17:26:42 | 17:27:43 |
| Red                                                | 17:16:04 | 17:17:11 | 17:18:21 | 17:19:23 | 17:20:24 | 17:21:25 | 17:22:25 | 17:23:28 | 17:24:31 | 17:25:35 | 17:26:37 | 17:27:38 |
| Green                                              | 17:16:13 | 17:17:43 | 17:18:45 | 17:19:51 | 17:20:57 | 17:21:56 | 17:23:06 | 17:24:12 | 17:25:10 | 17:26:07 | 17:27:11 | 17:28:14 |
| Total                                              | 00:01:40 | 00:01:30 | 00:01:03 | 00:01:06 | 00:01:06 | 00:00:59 | 00:00:59 | 00:01:36 | 00:01:32 | 00:00:57 | 00:01:04 | 00:01:03 |
| Cycle Time (s)                                     | 70       | 60       | 62       | 66       | 66       | 59       | 70       | 66       | 58       | 57       | 64       | 63       |
| Green Time (s)                                     | 28       | 25       | 31       | 33       | 30       | 25       | 28       | 21       | 28       | 31       | 35       | 32       |
| Estimation Time (s)                                | 6        | 20       | 7        | 15       | 15       | 15       | 19       | 17       | 20       | 5        | 19       | 14       |
| Effective Green                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)               | 3        | 0        | 0        | 0        | 0        | 2        | 0        | 0        | 0        | 4        | 0        | 0        |

|                   |    |    |    |    |    |    |    |    |    |   |    |    |
|-------------------|----|----|----|----|----|----|----|----|----|---|----|----|
| Saturated PCU     | 3  | 11 | 4  | 9  | 6  | 9  | 9  | 10 | 13 | 3 | 8  | 7  |
| Non-Saturated PCU | 9  | 4  | 11 | 2  | 7  | 4  | 2  | 1  | 5  | 6 | 9  | 7  |
| Cycle PCU         | 12 | 15 | 15 | 11 | 13 | 13 | 11 | 11 | 18 | 9 | 17 | 14 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 28.00 | 25.00 | 31.00 | 33.00 | 30.00 | 25.00 | 28.00 | 21.00 | 28.00 | 31.00 | 35.00 | 32.00 |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

|                       |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Sat Flow              | 2160 | 1980 | 2057 | 2160 | 1440 | 2160 | 1705 | 2118 | 2340 | 2160 | 1516 | 1800 |
| Use Sat Flow?         | No   | Yes  | No   | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | No   | Yes  | Yes  |
| Free Flow Conditions? | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | No   | Yes  | Yes  | Yes  | Yes  | Yes  |

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|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|------------------|--------|
| Average Sat Flow | 1939   |
| Average DoS      | 85.07% |
| Sat Flow Obs     | 8      |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
C - The Parkway (S) Northbound  
4) Outside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 17:15:33       | 17:16:43 | 17:17:43 | 17:18:45 | 17:19:51 | 17:20:57 | 17:21:56 | 17:23:06 | 17:24:12 | 17:25:10 | 17:26:07 | 17:27:11 |
| Time at start of full demand if different to green |                | 17:16:45 |          | 17:18:57 |          |          |          |          |          | 17:25:15 |          |          |
| End of Saturation/Full Demand                      | 17:15:38       | 17:16:50 | 17:17:43 | 17:18:58 | 17:19:58 | 17:20:59 | 17:21:59 | 17:23:06 | 17:24:12 | 17:25:20 | 17:26:07 | 17:27:11 |
| Amber                                              | 17:16:01       | 17:17:08 | 17:18:14 | 17:19:18 | 17:20:21 | 17:21:22 | 17:22:24 | 17:23:27 | 17:24:40 | 17:25:41 | 17:26:42 | 17:27:43 |
| Red                                                | 17:16:04       | 17:17:11 | 17:18:17 | 17:19:21 | 17:21:24 | 17:21:25 | 17:22:27 | 17:23:30 | 17:24:43 | 17:25:44 | 17:26:45 | 17:27:46 |
| Green                                              | 17:16:43       | 17:17:45 | 17:18:45 | 17:19:51 | 17:20:57 | 17:21:56 | 17:23:06 | 17:24:12 | 17:25:10 | 17:26:07 | 17:27:11 | 17:28:14 |
| Total                                              | 00:01:10       | 00:01:00 | 00:01:02 | 00:01:06 | 00:01:06 | 00:00:59 | 00:01:10 | 00:01:06 | 00:00:58 | 00:00:57 | 00:01:04 | 00:01:03 |
| Cycle Time (s)                                     | 70             | 60       | 62       | 66       | 66       | 59       | 70       | 66       | 58       | 57       | 64       | 63       |
| Green Time (s)                                     | 28             | 25       | 31       | 33       | 30       | 25       | 28       | 21       | 28       | 31       | 35       | 32       |
| Saturation Time (s)                                | 5              | 5        | 0        | 1        | 7        | 2        | 3        | 0        | 0        | 5        | 0        | 0        |
| Effective Green                                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)               | 0              | 2        | 0        | 12       | 0        | 0        | 0        | 0        | 0        | 5        | 0        | 0        |

|                   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| Saturated PCU     | 1 | 3 | 0 | 1 | 4 | 1 | 1 | 0 | 0 | 3 | 0 | 0 |
| Non-Saturated PCU | 0 | 4 | 0 | 5 | 2 | 3 | 2 | 1 | 3 | 5 | 5 | 7 |
| Cycle PCU         | 1 | 7 | 0 | 6 | 6 | 4 | 3 | 1 | 3 | 8 | 5 | 7 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 28.00 | 25.00 | 31.00 | 33.00 | 30.00 | 25.00 | 28.00 | 21.00 | 28.00 | 31.00 | 35.00 | 32.00 |
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |       |

|                       |     |      |     |      |      |      |      |     |     |      |     |     |
|-----------------------|-----|------|-----|------|------|------|------|-----|-----|------|-----|-----|
| Sat Flow              | 720 | 2160 | 0   | 3600 | 2057 | 1800 | 1200 | 0   | 0   | 2160 | 0   | 0   |
| Use Sat Flow?         | No  | No   | No  | No   | No   | No   | No   | No  | No  | No   | No  | No  |
| Free Flow Conditions? | Yes | Yes  | Yes | Yes  | Yes  | Yes  | Yes  | Yes | Yes | Yes  | Yes | Yes |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs1 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs2 (flow during saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs2 (flow out of saturation)  | 3   |      | 1   |       |       |     |       | 1       |         | 5      | 4             |
| Obs3 (flow during saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs3 (flow out of saturation)  | 5   |      | 1   | 2     |       |     |       |         |         | 8      | 9             |
| Obs4 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs4 (flow out of saturation)  | 3   |      | 2   | 1     |       |     |       |         |         | 6      | 6             |
| Obs5 (flow during saturation)  | 3   |      | 1   |       |       |     |       |         |         | 4      | 4             |
| Obs5 (flow out of saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs6 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs6 (flow out of saturation)  | 0   |      | 1   | 1     |       |     |       |         |         | 2      | 3             |
| Obs7 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs7 (flow out of saturation)  | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs8 (flow during saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs8 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs9 (flow during saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs9 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs10 (flow during saturation) | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs10 (flow out of saturation) | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs11 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow out of saturation) | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs12 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs12 (flow out of saturation) | 6   |      | 1   |       |       |     |       |         |         | 7      | 7             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Cons |       |       |       |       |       |       |       |  |  |  |  |
|-------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|--|--|--|--|
| Obs13                                                                         | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 |  |  |  |  |
|                                                                               |       |       |       |       |       |       |       |  |  |  |  |
|                                                                               |       |       |       |       |       |       |       |  |  |  |  |
|                                                                               |       |       |       |       |       |       |       |  |  |  |  |
|                                                                               |       |       |       |       |       |       |       |  |  |  |  |
|                                                                               |       |       |       |       |       |       |       |  |  |  |  |
|                                                                               |       |       |       |       |       |       |       |  |  |  |  |

|          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No |

|                  |                    |                              |                    |  |  |  |  |
|------------------|--------------------|------------------------------|--------------------|--|--|--|--|
| Average Sat Flow | #DIV/0!            |                              |                    |  |  |  |  |
| Average DoS      | #DIV/0!            |                              |                    |  |  |  |  |
| Sat Flow Obs     | 0                  |                              |                    |  |  |  |  |
| Obs              | Average Green Time | Average Effective Green Time | Average Cycle Time |  |  |  |  |
| 12               | 28.52              | 28.52                        | 63.42              |  |  |  |  |

| Iterations   |                                  |
|--------------|----------------------------------|
| ObsZ1        | ObsZ2                            |
|              |                                  |
|              |                                  |
|              |                                  |
|              |                                  |
|              |                                  |
|              |                                  |
|              |                                  |
| 00:00:00     | 00:00:00                         |
| 0            | 0                                |
| 0            | 0                                |
| 0            | 0                                |
| 0            | 0                                |
| 0            | 0                                |
|              |                                  |
| 0            | 0                                |
| 0            | 0                                |
| 0            | 0                                |
|              |                                  |
| 0.00         | 0.00                             |
|              |                                  |
| 0            | 0                                |
| No           | No                               |
| No           | No                               |
| Average Flow | Hourly PCU>Total<br>(from count) |
| 5.00         | 283.6                            |

5 - The Parkway/Hayes Road/N Hyde Road  
C - INTERNAL Westbound  
1) - Kerbside

[illegible]

|                  |        |
|------------------|--------|
| Average Sat Flow | 1712   |
| Average DoS      | 72.57% |
| Sat Flow Obs     | 5      |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
C - INTERNAL Westbound  
2) Central 1

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 17:17:12       | 17:18:19 | 17:19:22 | 17:20:26 | 17:21:27 | 17:22:28 | 17:23:32 | 17:24:45 | 17:25:45 | 17:26:47 | 17:27:47 | 17:28:52 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 17:17:12       | 17:18:19 | 17:19:36 | 17:20:26 | 17:21:30 | 17:22:38 | 17:23:42 | 17:25:08 | 17:25:45 | 17:26:58 | 17:27:47 | 17:28:58 |
| Amber                                              | 17:17:37       | 17:18:40 | 17:19:45 | 17:20:51 | 17:21:51 | 17:23:01 | 17:24:06 | 17:25:05 | 17:26:02 | 17:27:06 | 17:28:09 | 17:29:16 |
| Red                                                | 17:17:40       | 17:18:43 | 17:19:49 | 17:20:54 | 17:21:54 | 17:23:04 | 17:24:09 | 17:25:08 | 17:26:05 | 17:27:09 | 17:28:12 | 17:29:19 |
| Green                                              | 17:18:19       | 17:19:22 | 17:20:26 | 17:21:27 | 17:22:28 | 17:23:32 | 17:24:45 | 17:25:45 | 17:26:47 | 17:27:47 | 17:28:52 | 17:29:55 |
| Total                                              | 00:01:07       | 00:01:03 | 00:01:04 | 00:01:01 | 00:01:01 | 00:01:04 | 00:01:13 | 00:01:00 | 00:01:02 | 00:01:00 | 00:01:05 | 00:01:07 |
| Cycle Time (s)                                     | 67             | 63       | 64       | 61       | 61       | 64       | 73       | 60       | 62       | 60       | 65       | 67       |
| Green Time (s)                                     | 25             | 21       | 23       | 25       | 24       | 33       | 34       | 20       | 17       | 19       | 22       | 24       |
| Saturation Time (s)                                | 0              | 0        | 14       | 0        | 3        | 10       | 3        | 4        | 0        | 11       | 0        | 5        |
| Effective Green                                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 3        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted)                     | 0              | 0        | 0        | 0        | 0        | 0        | 7        | 19       | 0        | 0        | 0        | 0        |

|                   |   |   |   |   |   |   |    |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|----|---|---|---|---|---|
| Saturated PCU     | 0 | 0 | 6 | 0 | 1 | 3 | 3  | 4 | 0 | 3 | 0 | 2 |
| Non-Saturated PCU | 3 | 4 | 2 | 6 | 5 | 6 | 8  | 2 | 6 | 3 | 5 | 6 |
| Cycle PCU         | 3 | 4 | 8 | 6 | 6 | 9 | 11 | 6 | 6 | 6 | 5 | 8 |

| Effective Green (insert number of additional seconds below) | 25.14 | 21.14 | 23.14 | 25.14 | 24.14 | 33.14 | 34.14 | 20.14 | 17.14 | 19.14 | 22.14 | 24.14 |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.14                                                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Sat Flow                                                    | 0     | 0     | 1543  | 0     | 1200  | 1080  | 3600  | 3600  | 0     | 982   | 0     | 1200  |
| Use Sat Flow?                                               | No    | No    | Yes   | No    | No    | No    | No    | No    | No    | No    | No    | No    |
| Free Flow Conditions?                                       | Yes   | Yes   | Yes   | No    | No    | No    | Yes   | No    | No    | No    | Yes   | Yes   |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs1 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs2 (flow during saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs2 (flow out of saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs3 (flow during saturation)  | 6   |      |     |       |       |     |       |         |         | 6      | 6             |
| Obs3 (flow out of saturation)  | 0   |      |     | 1     |       |     |       |         |         | 1      | 2             |
| Obs4 (flow during saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs4 (flow out of saturation)  | 5   |      | 1   |       |       |     |       |         |         | 6      | 8             |
| Obs5 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs5 (flow out of saturation)  | 4   | 1    |     |       |       |     |       |         |         | 5      | 5             |
| Obs6 (flow during saturation)  | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs6 (flow out of saturation)  | 4   |      |     | 1     |       |     |       |         |         | 5      | 8             |
| Obs7 (flow during saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs7 (flow out of saturation)  | 4   |      | 4   |       |       |     |       |         |         | 8      | 8             |
| Obs8 (flow during saturation)  | 2   |      | 2   |       |       |     |       |         |         | 4      | 4             |
| Obs8 (flow out of saturation)  | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs9 (flow during saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs9 (flow out of saturation)  | 3   |      | 1   | 1     |       |     |       |         |         | 5      | 8             |
| Obs10 (flow during saturation) | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs10 (flow out of saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs11 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow out of saturation) | 4   |      | 1   |       |       |     |       |         |         | 5      | 5             |
| Obs12 (flow during saturation) | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs12 (flow out of saturation) | 2   |      |     | 1     | 1     |     |       |         |         | 4      | 6             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1543   |
| Average DoS      | 63.06% |
| Sat Flow Obs     | 1      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU Total (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|-------------------------------|
| 12  | 23.92              | 24.05                        | 63.92              | 6.50         | 366.1                         |

Site  
Approach  
Lane

5 - The ParkwayHayes Road/N Hyde Road  
C - INTERNAL Westbound  
S) Outside

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 17:17:12       | 17:18:19 | 17:19:22 | 17:20:26 | 17:21:27 | 17:22:28 | 17:23:32 | 17:24:45 | 17:25:45 | 17:26:47 | 17:27:47 | 17:28:52 |
| Time at start of full demand if different to green          | 17:17:30       | 17:18:30 |          |          | 17:21:45 | 17:22:58 | 17:23:48 | 17:25:03 |          |          |          | 17:29:10 |
| End of Saturation/Full Demand                               | 17:17:36       | 17:18:36 | 17:19:26 | 17:20:26 | 17:21:55 | 17:23:03 | 17:23:52 | 17:25:09 | 17:25:45 | 17:26:51 | 17:27:47 | 17:29:13 |
| Amber                                                       | 17:17:37       | 17:18:40 | 17:19:45 | 17:20:51 | 17:21:51 | 17:23:01 | 17:24:06 | 17:25:05 | 17:26:02 | 17:27:06 | 17:28:09 | 17:29:16 |
| Red                                                         | 17:17:40       | 17:18:43 | 17:19:49 | 17:20:54 | 17:21:54 | 17:23:04 | 17:24:09 | 17:25:08 | 17:26:05 | 17:27:09 | 17:28:12 | 17:29:19 |
| Green                                                       | 17:18:19       | 17:19:22 | 17:20:26 | 17:21:27 | 17:22:28 | 17:23:32 | 17:24:45 | 17:25:45 | 17:26:47 | 17:27:47 | 17:28:52 | 17:29:59 |
| Total                                                       | 00:01:07       | 00:01:03 | 00:01:04 | 00:01:01 | 00:01:01 | 00:01:04 | 00:01:13 | 00:01:00 | 00:01:02 | 00:01:00 | 00:01:05 | 00:01:07 |
| Cycle Time (s)                                              | 67             | 63       | 64       | 61       | 64       | 73       | 60       | 62       | 60       | 65       | 67       |          |
| Green Time (s)                                              | 25             | 23       | 23       | 25       | 24       | 33       | 34       | 20       | 17       | 19       | 22       | 24       |
| Saturation Time (s)                                         | 6              | 5        | 4        | 0        | 10       | 5        | 4        | 6        | 0        | 4        | 0        | 3        |
| Effective Green                                             | 0              | 0        | 0        | 0        | 4        | 2        | 0        | 4        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)                        | 18             | 11       | 0        | 0        | 18       | 30       | 15       | 18       | 0        | 0        | 0        | 18       |
| Saturated PCU                                               | 4              | 3        | 1        | 0        | 5        | 4        | 2        | 3        | 0        | 1        | 0        | 2        |
| Non-Saturated PCU                                           | 1              | 1        | 5        | 6        | 3        | 5        | 1        | 4        | 1        | 3        | 1        | 2        |
| Cycle PCU                                                   | 5              | 4        | 6        | 6        | 8        | 9        | 3        | 7        | 1        | 4        | 1        | 4        |
| Effective Green (insert number of additional seconds below) | 25.45          | 21.45    | 23.45    | 25.45    | 24.45    | 33.45    | 34.45    | 20.45    | 17.45    | 19.45    | 22.45    | 24.45    |
| 0.45                                                        |                |          |          |          |          |          |          |          |          |          |          |          |
| Sat Flow                                                    | 2400           | 2160     | 900      | 0        | 1800     | 2880     | 1800     | 1800     | 0        | 900      | 0        | 2400     |
| Use Sat Flow?                                               | No             | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       |
| Free Flow Conditions?                                       | Yes            | No       | No       | No       | Yes      | No       | Yes      | No       | No       | No       | No       | Yes      |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs1 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs2 (flow during saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs2 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs3 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs3 (flow out of saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs4 (flow during saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs4 (flow out of saturation)  | 5   |      | 1   |       |       |     |       |         |         | 6      | 6             |
| Obs5 (flow during saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs5 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs6 (flow during saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs6 (flow out of saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs7 (flow during saturation)  | 2   |      |     |       |       |     |       | 1       |         | 3      | 2             |
| Obs7 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs8 (flow during saturation)  | 3   |      |     |       |       |     |       | 1       |         | 4      | 3             |
| Obs8 (flow out of saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs9 (flow during saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs9 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs10 (flow during saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs10 (flow out of saturation) | 3   |      |     |       |       |     |       | 1       |         | 4      | 3             |
| Obs11 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow out of saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs12 (flow during saturation) | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs12 (flow out of saturation) | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |
|                                                                                     |       |       |       |       |       |       |       |       |       |
|                                                                                     |       |       |       |       |       |       |       |       |       |
|                                                                                     |       |       |       |       |       |       |       |       |       |
|                                                                                     |       |       |       |       |       |       |       |       |       |

|          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 |
|------|------|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No |

| Average Sat Flow | #DIV/0! | Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU Total (from count) |
|------------------|---------|-----|--------------------|------------------------------|--------------------|--------------|-------------------------------|
| Average DOS      | #DIV/0! | 12  | 23.92              | 24.37                        | 63.92              | 4.83         | 272.2                         |
| Sat Flow Obs     | 0       |     |                    |                              |                    |              |                               |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
D - N Hyde Road (W) Eastbound  
1) - Kerbside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 17:15:59       | 17:17:04 | 17:18:09 | 17:19:10 | 17:20:12 | 17:21:23 | 17:22:26 | 17:23:34 | 17:24:34 | 17:25:33 | 17:26:38 | 17:27:41 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 17:16:14       | 17:17:24 | 17:18:24 | 17:19:25 | 17:20:33 | 17:21:34 | 17:22:41 | 17:23:49 | 17:24:47 | 17:25:46 | 17:26:42 | 17:27:52 |
| Amber                                              | 17:16:17       | 17:17:21 | 17:18:26 | 17:19:30 | 17:20:31 | 17:21:39 | 17:22:43 | 17:23:50 | 17:24:51 | 17:25:50 | 17:26:54 | 17:27:58 |
| Red                                                | 17:16:20       | 17:17:24 | 17:18:29 | 17:19:33 | 17:20:34 | 17:21:42 | 17:22:46 | 17:23:53 | 17:24:54 | 17:25:53 | 17:26:57 | 17:28:01 |
| Green                                              | 17:17:04       | 17:18:09 | 17:19:10 | 17:20:12 | 17:21:23 | 17:22:26 | 17:23:34 | 17:24:34 | 17:25:33 | 17:26:38 | 17:27:41 | 17:28:46 |
| Total                                              | 00:01:05       | 00:01:05 | 00:01:01 | 00:01:02 | 00:01:11 | 00:01:03 | 00:01:08 | 00:01:00 | 00:00:59 | 00:01:05 | 00:01:03 | 00:01:05 |
| Cycle Time (s)                                     | 65             | 65       | 61       | 62       | 71       | 63       | 68       | 60       | 59       | 65       | 63       | 65       |
| Green Time (s)                                     | 18             | 17       | 17       | 20       | 19       | 16       | 17       | 16       | 17       | 17       | 16       | 17       |
| Saturation Time (s)                                | 15             | 20       | 15       | 15       | 21       | 11       | 15       | 15       | 13       | 13       | 4        | 11       |
| Effective Green                                    | 0              | 3        | 0        | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)               | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                      | 7              | 11       | 7        | 8        | 8        | 5        | 6        | 11       | 8        | 6        | 3        | 4        |
| Non-Saturated PCU                                  | 0              | 0        | 3        | 0        | 0        | 3        | 0        | 4        | 0        | 0        | 7        | 0        |
| Cycle PCU                                          | 7              | 11       | 10       | 8        | 8        | 8        | 6        | 15       | 8        | 6        | 10       | 4        |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 18.23 | 17.23 | 17.23 | 20.23 | 19.23 | 16.23 | 17.23 | 16.23 | 17.23 | 17.23 | 16.23 | 17.23 |
| 0.23                                                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Sat Flow                                                    | 1680  | 1980  | 1680  | 1920  | 1371  | 1636  | 1440  | 2640  | 2215  | 1662  | 2700  | 1309  |
| Use Sat Flow?                                               | Yes   | Yes   | Yes   | Yes   | Yes   | No    | Yes   | Yes   | Yes   | Yes   | No    | Yes   |
| Free Flow Conditions?                                       | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 5   |      | 2   |       |       |     |       |         |         | 7      | 7             |
| Obs1 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs2 (flow during saturation)  | 8   |      | 3   |       |       |     |       |         |         | 11     | 11            |
| Obs2 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs3 (flow during saturation)  | 6   |      | 1   |       |       |     |       |         |         | 7      | 7             |
| Obs3 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs4 (flow during saturation)  | 7   |      | 1   |       |       |     |       |         |         | 8      | 8             |
| Obs4 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs5 (flow during saturation)  | 6   |      |     | 1     |       |     |       |         |         | 7      | 8             |
| Obs5 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs6 (flow during saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs6 (flow out of saturation)  | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs7 (flow during saturation)  | 5   |      | 1   |       |       |     |       |         |         | 6      | 6             |
| Obs7 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs8 (flow during saturation)  | 7   |      | 1   |       |       | 1   |       | 1       | 1       | 11     | 11            |
| Obs8 (flow out of saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs9 (flow during saturation)  | 4   |      |     | 1     |       | 1   |       |         |         | 6      | 6             |
| Obs9 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs10 (flow during saturation) | 5   |      | 1   |       |       |     |       |         |         | 6      | 6             |
| Obs10 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow during saturation) | 3   |      |     |       |       |     |       |         | 3       | 4      | 3             |
| Obs11 (flow out of saturation) | 4   |      |     | 2     |       |     |       |         |         | 6      | 7             |
| Obs12 (flow during saturation) | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs12 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No | No | No |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1790   |
| Average DoS      | 96.87% |
| Sat Flow Obs     | 10     |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU Total (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|-------------------------------|
| 12  | 17.25              | 17.48                        | 63.92              | 6.42         | 474.1                         |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
D - N Hyde Road (W) Eastbound  
2) Central

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 17:15:59       | 17:17:04 | 17:18:09 | 17:19:10 | 17:20:12 | 17:21:23 | 17:22:26 | 17:23:34 | 17:24:34 | 17:25:33 | 17:26:38 | 17:27:41 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 17:16:12       | 17:17:17 | 17:18:20 | 17:19:25 | 17:20:33 | 17:21:34 | 17:22:31 | 17:23:41 | 17:24:39 | 17:25:38 | 17:26:42 | 17:27:46 |
| Amber                                              | 17:16:17       | 17:17:21 | 17:18:26 | 17:19:30 | 17:20:31 | 17:21:39 | 17:22:43 | 17:23:50 | 17:24:51 | 17:25:50 | 17:26:54 | 17:27:58 |
| Red                                                | 17:16:20       | 17:17:24 | 17:18:29 | 17:19:33 | 17:20:34 | 17:21:42 | 17:22:46 | 17:23:53 | 17:24:54 | 17:25:53 | 17:26:57 | 17:28:01 |
| Green                                              | 17:17:04       | 17:18:09 | 17:19:10 | 17:20:12 | 17:21:23 | 17:22:26 | 17:23:34 | 17:24:34 | 17:25:33 | 17:26:38 | 17:27:41 | 17:28:46 |
| Total                                              | 00:01:05       | 00:01:05 | 00:01:01 | 00:01:02 | 00:01:11 | 00:01:03 | 00:01:08 | 00:01:00 | 00:00:59 | 00:01:05 | 00:01:03 | 00:01:05 |
| Cycle Time (s)                                     | 65             | 65       | 61       | 62       | 71       | 63       | 68       | 60       | 59       | 65       | 63       | 65       |
| Green Time (s)                                     | 18             | 17       | 17       | 20       | 19       | 16       | 17       | 16       | 17       | 17       | 16       | 17       |
| Saturation Time (s)                                | 13             | 13       | 11       | 15       | 21       | 11       | 5        | 7        | 5        | 5        | 4        | 5        |
| Effective Green                                    | 0              | 0        | 0        | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)               | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                      | 6              | 7        | 5        | 6        | 7        | 5        | 2        | 5        | 3        | 2        | 3        | 2        |
| Non-Saturated PCU                                  | 1              | 0        | 0        | 0        | 0        | 1        | 6        | 0        | 0        | 0        | 3        | 0        |
| Cycle PCU                                          | 7              | 7        | 5        | 6        | 7        | 6        | 8        | 5        | 3        | 2        | 6        | 2        |

|                                                                     |       |       |       |       |       |       |       |       |       |       |       |       |
|---------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below)<br>0.09 | 18.09 | 17.09 | 17.09 | 20.09 | 19.09 | 16.09 | 17.09 | 16.09 | 17.09 | 17.09 | 16.09 | 17.09 |
| Sat Flow                                                            | 1662  | 1938  | 1636  | 1440  | 1200  | 1636  | 1440  | 2571  | 2160  | 1440  | 2700  | 1440  |
| Use Sat Flow?                                                       | Yes   | Yes   | Yes   | Yes   | Yes   | No    | No    | No    | No    | No    | No    | No    |
| Free Flow Conditions?                                               | Yes   | Yes   | Yes   | Yes   | No    | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 5   |      | 1   |       |       |     |       |         |         | 6      | 6             |
| Obs1 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs2 (flow during saturation)  | 4   |      | 1   | 1     |       |     |       |         |         | 6      | 7             |
| Obs2 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs3 (flow during saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs3 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs4 (flow during saturation)  | 5   |      | 1   |       |       |     |       |         |         | 6      | 6             |
| Obs4 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs5 (flow during saturation)  | 7   |      |     |       |       |     |       |         |         | 7      | 7             |
| Obs5 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs6 (flow during saturation)  | 4   |      | 1   |       |       |     |       |         |         | 5      | 5             |
| Obs6 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs7 (flow during saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs7 (flow out of saturation)  | 4   |      |     |       | 1     |     |       |         |         | 5      | 6             |
| Obs8 (flow during saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs8 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs9 (flow during saturation)  | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs9 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs10 (flow during saturation) | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs10 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow during saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs11 (flow out of saturation) | 3   |      |     |       |       |     |       |         |         | 3      | 3             |
| Obs12 (flow during saturation) | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs12 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1669   |
| Average DoS      | 66.34% |
| Sat Flow Obs     | 4      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU Total (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|-------------------------------|
| 12  | 17.25              | 17.34                        | 63.92              | 5.33         | 300.4                         |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
D - N Hyde Road (W) Eastbound  
S) Outside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 17:15:59       | 17:17:04 | 17:18:09 | 17:19:10 | 17:20:12 | 17:21:23 | 17:22:26 | 17:23:34 | 17:24:34 | 17:25:33 | 17:26:38 | 17:27:41 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 17:16:04       | 17:17:09 | 17:18:09 | 17:19:11 | 17:20:12 | 17:21:29 | 17:22:32 | 17:23:37 | 17:24:39 | 17:25:45 | 17:26:38 | 17:27:41 |
| Amber                                              | 17:16:17       | 17:17:21 | 17:18:26 | 17:19:30 | 17:20:31 | 17:21:39 | 17:22:43 | 17:23:50 | 17:24:51 | 17:25:50 | 17:26:54 | 17:27:58 |
| Red                                                | 17:16:20       | 17:17:24 | 17:18:29 | 17:19:33 | 17:20:34 | 17:21:42 | 17:22:46 | 17:23:53 | 17:24:54 | 17:25:53 | 17:26:57 | 17:28:01 |
| Green                                              | 17:17:04       | 17:18:09 | 17:19:10 | 17:20:12 | 17:21:23 | 17:22:26 | 17:23:34 | 17:24:34 | 17:25:33 | 17:26:38 | 17:27:41 | 17:28:46 |
| Total                                              | 00:01:05       | 00:01:05 | 00:01:01 | 00:01:02 | 00:01:11 | 00:01:03 | 00:01:08 | 00:01:00 | 00:00:59 | 00:01:05 | 00:01:03 | 00:01:05 |
| Cycle Time (s)                                     | 65             | 65       | 61       | 62       | 71       | 63       | 68       | 60       | 59       | 65       | 63       | 65       |
| Green Time (s)                                     | 18             | 17       | 17       | 20       | 19       | 16       | 17       | 15       | 17       | 17       | 16       | 17       |
| Saturation Time (s)                                | 5              | 5        | 0        | 1        | 0        | 6        | 6        | 3        | 5        | 12       | 0        | 0        |
| Effective Green                                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted G                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                      | 2              | 1        | 0        | 1        | 0        | 3        | 1        | 1        | 2        | 2        | 0        | 0        |
| Non-Saturated PCU                                  | 1              | 1        | 1        | 5        | 2        | 0        | 0        | 2        | 0        | 0        | 0        | 1        |
| Cycle PCU                                          | 3              | 2        | 1        | 6        | 2        | 3        | 1        | 3        | 2        | 2        | 0        | 1        |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 18.00 | 17.00 | 17.00 | 20.00 | 19.00 | 16.00 | 17.00 | 16.00 | 17.00 | 17.00 | 16.00 | 17.00 |
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Sat Flow                                                    | 1440  | 720   | 0     | 3600  | 0     | 1800  | 600   | 1200  | 1440  | 600   | 0     | 0     |
| Use Sat Flow?                                               | No    | No    | No    | No    | No    | No    | No    | No    | No    | Yes   | No    | No    |
| Free Flow Conditions?                                       | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs1 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs2 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs2 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs3 (flow during saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs3 (flow out of saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs4 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs4 (flow out of saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs5 (flow during saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs5 (flow out of saturation)  | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs6 (flow during saturation)  | 2   |      | 1   |       |       |     |       |         |         | 3      | 3             |
| Obs6 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs7 (flow during saturation)  | 1   |      |     |       |       |     |       |         |         | 1      | 1             |
| Obs7 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs8 (flow during saturation)  | 0   |      | 1   |       |       |     |       |         |         | 1      | 1             |
| Obs8 (flow out of saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs9 (flow during saturation)  | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs9 (flow out of saturation)  | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs10 (flow during saturation) | 1   |      | 1   |       |       |     |       | 1       |         | 3      | 2             |
| Obs10 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow during saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow out of saturation) | 0   |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs12 (flow during saturation) | 0   |      |     |       |       |     |       | 1       |         | 1      | 0             |
| Obs12 (flow out of saturation) | 0   | 1    |     |       |       |     |       |         |         | 1      | 1             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |        |
|------------------|--------|
| Average Sat Flow | 600    |
| Average DoS      | 75.36% |
| Sat Flow Obs     | 1      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU Total (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|-------------------------------|
| 12  | 17.25              | 17.25                        | 63.92              | 2.17         | 122.0                         |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
D - INTERNAL Northbound  
1) - Kerbside

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 17:00:01       | 17:01:06 | 17:02:14 | 17:03:22 | 17:04:30 | 17:05:38 | 17:06:38 | 17:07:46 | 17:08:54 | 17:09:53 | 17:11:01 | 17:12:03 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 17:00:09       | 17:01:10 | 17:02:17 | 17:03:28 | 17:04:39 | 17:05:43 | 17:06:48 | 17:07:48 | 17:08:56 | 17:10:06 | 17:11:10 | 17:12:12 |
| Amber                                              | 17:00:39       | 17:01:46 | 17:02:55 | 17:04:02 | 17:05:10 | 17:06:10 | 17:07:18 | 17:08:22 | 17:09:23 | 17:10:33 | 17:11:35 | 17:12:43 |
| Red                                                | 17:00:42       | 17:01:49 | 17:02:58 | 17:04:06 | 17:05:13 | 17:06:13 | 17:07:21 | 17:08:25 | 17:09:26 | 17:10:36 | 17:11:38 | 17:12:46 |
| Green                                              | 17:01:06       | 17:02:14 | 17:03:22 | 17:04:30 | 17:05:38 | 17:06:38 | 17:07:46 | 17:08:54 | 17:09:53 | 17:11:01 | 17:12:03 | 17:13:11 |
| Total                                              | 00:01:05       | 00:01:08 | 00:01:08 | 00:01:08 | 00:01:08 | 00:01:00 | 00:01:08 | 00:01:08 | 00:00:59 | 00:01:08 | 00:01:02 | 00:01:08 |
| Cycle Time (s)                                     | 65             | 68       | 68       | 68       | 68       | 60       | 68       | 68       | 59       | 68       | 62       | 68       |
| Green Time (s)                                     | 38             | 40       | 41       | 40       | 40       | 32       | 40       | 36       | 29       | 40       | 34       | 40       |
| Saturation Time (s)                                | 4              | 4        | 3        | 6        | 9        | 5        | 10       | 2        | 2        | 13       | 9        | 9        |
| Effective Green                                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Wasted Green)               | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|                   |    |   |    |   |   |   |   |   |   |    |    |    |
|-------------------|----|---|----|---|---|---|---|---|---|----|----|----|
| Saturated PCU     | 3  | 2 | 2  | 2 | 5 | 3 | 5 | 3 | 1 | 9  | 5  | 4  |
| Non-Saturated PCU | 8  | 5 | 12 | 6 | 4 | 4 | 4 | 0 | 3 | 7  | 6  | 8  |
| Cycle PCU         | 11 | 7 | 14 | 8 | 9 | 7 | 9 | 3 | 4 | 16 | 11 | 12 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 38.00 | 40.00 | 41.00 | 40.00 | 40.00 | 32.00 | 40.00 | 36.00 | 29.00 | 40.00 | 34.00 | 40.00 |
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Sat Flow                                                    | 2700  | 1800  | 2400  | 1200  | 2000  | 2160  | 1800  | 5400  | 1800  | 2492  | 2000  | 1600  |
| Use Sat Flow?                                               | No    | No    | No    | No    | No    | No    | No    | No    | No    | Yes   | No    | No    |
| Free Flow Conditions?                                       | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs1 (flow out of saturation)  | 5   |      | 1   |       | 1     |     |       |        |        | 7      | 6             |
| Obs2 (flow during saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs2 (flow out of saturation)  | 4   |      | 1   |       |       |     |       |        |        | 5      | 6             |
| Obs3 (flow during saturation)  |     |      |     | 1     |       |     |       |        |        | 1      | 2             |
| Obs3 (flow out of saturation)  | 7   |      | 3   | 1     |       |     |       |        |        | 11     | 12            |
| Obs4 (flow during saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs4 (flow out of saturation)  | 4   |      |     |       | 1     |     |       |        |        | 5      | 6             |
| Obs5 (flow during saturation)  | 2   |      | 1   | 1     |       |     |       |        |        | 4      | 5             |
| Obs5 (flow out of saturation)  | 4   |      |     |       |       |     |       |        |        | 4      | 4             |
| Obs6 (flow during saturation)  | 2   |      | 1   |       |       |     |       |        |        | 3      | 3             |
| Obs6 (flow out of saturation)  | 1   |      | 1   |       | 1     |     |       |        |        | 3      | 4             |
| Obs7 (flow during saturation)  | 4   |      | 1   |       |       |     |       |        |        | 5      | 4             |
| Obs7 (flow out of saturation)  | 4   |      |     |       |       |     |       |        |        | 4      | 4             |
| Obs8 (flow during saturation)  |     |      |     | 1     |       | 1   |       |        |        | 2      | 3             |
| Obs8 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs9 (flow during saturation)  |     |      |     | 1     |       |     |       |        |        | 1      | 1             |
| Obs9 (flow out of saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 3             |
| Obs10 (flow during saturation) | 7   |      |     | 1     |       |     |       |        |        | 8      | 9             |
| Obs10 (flow out of saturation) | 5   |      |     | 1     |       |     |       |        |        | 6      | 7             |
| Obs11 (flow during saturation) | 4   |      | 1   |       |       |     |       |        |        | 5      | 5             |
| Obs11 (flow out of saturation) | 6   |      |     |       |       |     |       |        |        | 6      | 6             |
| Obs12 (flow during saturation) | 2   |      |     |       | 1     |     |       |        |        | 3      | 4             |
| Obs12 (flow out of saturation) | 8   |      |     |       |       |     |       |        |        | 8      | 8             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows If required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |        |
|------------------|--------|
| Average Sat Flow | 2492   |
| Average DoS      | 35.63% |
| Sat Flow Obs     | 1      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| 12  | 37.50              | 37.50                        | 65.83              | 9.25         | 505.8                        |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
D - INTERNAL, Northbound  
2) Central 1

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 17:00:01       | 17:01:06 | 17:02:14 | 17:03:22 | 17:04:30 | 17:05:38 | 17:06:38 | 17:07:46 | 17:08:54 | 17:09:53 | 17:11:01 | 17:12:03 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 17:00:05       | 17:01:10 | 17:02:14 | 17:03:37 | 17:04:47 | 17:05:46 | 17:06:51 | 17:07:50 | 17:09:14 | 17:10:04 | 17:11:38 | 17:12:11 |
| Amber                                              | 17:00:39       | 17:01:46 | 17:02:55 | 17:04:02 | 17:05:10 | 17:06:10 | 17:07:18 | 17:08:22 | 17:09:23 | 17:10:33 | 17:11:35 | 17:12:43 |
| Red                                                | 17:00:42       | 17:01:49 | 17:02:58 | 17:04:05 | 17:05:13 | 17:06:13 | 17:07:21 | 17:08:25 | 17:09:26 | 17:10:36 | 17:11:38 | 17:12:46 |
| Green                                              | 17:01:06       | 17:02:14 | 17:03:22 | 17:04:30 | 17:05:38 | 17:06:38 | 17:07:46 | 17:08:54 | 17:09:53 | 17:11:01 | 17:12:03 | 17:13:11 |
| Total                                              | 00:01:05       | 00:01:08 | 00:01:08 | 00:01:08 | 00:01:08 | 00:01:00 | 00:01:08 | 00:01:08 | 00:00:59 | 00:01:08 | 00:01:02 | 00:01:08 |
| Cycle Time (s)                                     | 65             | 68       | 68       | 68       | 68       | 60       | 68       | 59       | 68       | 62       | 60       | 68       |
| Green Time (s)                                     | 38             | 40       | 41       | 40       | 40       | 32       | 40       | 36       | 29       | 40       | 34       | 40       |
| Saturation Time (s)                                | 4              | 4        | 0        | 15       | 17       | 8        | 13       | 4        | 20       | 11       | 37       | 8        |
| Effective Green                                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3        | 0        |
| Seconds of Green Lost (Wasted)                     | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|                   |    |    |    |    |    |   |    |    |    |    |    |    |
|-------------------|----|----|----|----|----|---|----|----|----|----|----|----|
| Saturated PCU     | 2  | 2  | 0  | 6  | 7  | 4 | 7  | 2  | 10 | 7  | 21 | 4  |
| Non-Saturated PCU | 12 | 11 | 10 | 9  | 9  | 5 | 9  | 4  | 12 | 6  | 0  | 12 |
| Cycle PCU         | 14 | 13 | 10 | 15 | 16 | 9 | 16 | 11 | 14 | 13 | 21 | 16 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 38.14 | 40.14 | 41.14 | 40.14 | 40.14 | 32.14 | 40.14 | 36.14 | 29.14 | 40.14 | 34.14 | 40.14 |
| 0.14                                                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Sat Flow                                                    | 1800  | 1800  | 0     | 1440  | 1482  | 1800  | 1938  | 1800  | 1800  | 2291  | 2043  | 1800  |
| Use Sat Flow?                                               | No    | No    | No    | Yes   | Yes   | No    | Yes   | No    | Yes   | Yes   | No    | No    |
| Free Flow Conditions?                                       | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  |     |      | 2   |       |       |     |       |         |         | 2      | 2             |
| Obs1 (flow out of saturation)  | 8   | 1    | 1   |       |       |     | 1     |         |         | 11     | 12            |
| Obs2 (flow during saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs2 (flow out of saturation)  | 9   |      |     | 1     |       |     |       | 1       |         | 11     | 11            |
| Obs3 (flow during saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs3 (flow out of saturation)  | 4   |      | 3   | 2     |       |     |       |         |         | 9      | 10            |
| Obs4 (flow during saturation)  | 4   |      | 2   |       |       |     |       |         |         | 6      | 6             |
| Obs4 (flow out of saturation)  | 8   |      |     |       |       |     |       | 2       |         | 10     | 9             |
| Obs5 (flow during saturation)  | 2   |      | 3   |       |       |     | 1     |         |         | 6      | 7             |
| Obs5 (flow out of saturation)  | 6   |      | 1   |       |       |     | 1     |         |         | 8      | 9             |
| Obs6 (flow during saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs6 (flow out of saturation)  | 5   |      |     |       |       |     |       |         |         | 5      | 5             |
| Obs7 (flow during saturation)  | 6   |      | 1   |       |       |     |       |         |         | 7      | 7             |
| Obs7 (flow out of saturation)  | 8   |      | 1   |       |       |     |       |         |         | 9      | 9             |
| Obs8 (flow during saturation)  | 1   |      | 1   |       |       |     |       |         |         | 2      | 2             |
| Obs8 (flow out of saturation)  | 5   |      | 2   |       | 1     |     |       |         |         | 8      | 9             |
| Obs9 (flow during saturation)  | 8   |      | 2   |       |       |     |       |         |         | 10     | 10            |
| Obs9 (flow out of saturation)  | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs10 (flow during saturation) | 6   |      | 1   |       |       |     |       |         |         | 7      | 7             |
| Obs10 (flow out of saturation) | 11  |      | 1   |       |       |     |       |         |         | 12     | 12            |
| Obs11 (flow during saturation) | 19  |      | 2   |       |       |     |       | 1       |         | 22     | 21            |
| Obs11 (flow out of saturation) | 1   |      |     |       |       |     |       |         |         | 1      | 0             |
| Obs12 (flow during saturation) | 4   |      |     |       |       |     |       |         |         | 4      | 4             |
| Obs12 (flow out of saturation) | 9   |      | 1   | 1     |       |     |       |         |         | 11     | 12            |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  | No  |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1832   |
| Average DoS      | 75.69% |
| Sat Flow Obs     | 6      |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU Total (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|-------------------------------|
| 12  | 37.50              | 37.64                        | 65.83              | 14.50        | 792.9                         |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
D - INTERNAL Northbound  
3) Central 2

|                                                    | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                    | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                     | 17:00:01       | 17:01:06 | 17:02:14 | 17:03:22 | 17:04:30 | 17:05:38 | 17:06:38 | 17:07:46 | 17:08:54 | 17:09:53 | 17:11:01 | 17:12:03 |
| Time at start of full demand if different to green |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                      | 17:00:16       | 17:01:20 | 17:02:28 | 17:04:02 | 17:04:45 | 17:05:54 | 17:06:53 | 17:07:58 | 17:09:20 | 17:10:33 | 17:11:35 | 17:12:15 |
| Amber                                              | 17:00:39       | 17:01:46 | 17:02:55 | 17:04:02 | 17:05:10 | 17:06:10 | 17:07:18 | 17:08:22 | 17:09:23 | 17:10:33 | 17:11:35 | 17:12:43 |
| Red                                                | 17:00:42       | 17:01:49 | 17:02:58 | 17:04:05 | 17:05:13 | 17:06:13 | 17:07:21 | 17:08:25 | 17:09:26 | 17:10:36 | 17:11:38 | 17:12:46 |
| Green                                              | 17:01:06       | 17:02:14 | 17:03:22 | 17:04:30 | 17:05:38 | 17:06:38 | 17:07:46 | 17:08:54 | 17:09:53 | 17:11:01 | 17:12:03 | 17:13:11 |
| Total                                              | 00:01:05       | 00:01:08 | 00:01:08 | 00:01:08 | 00:01:08 | 00:01:08 | 00:01:08 | 00:00:59 | 00:01:08 | 00:01:02 | 00:01:08 |          |
| Cycle Time (s)                                     | 65             | 68       | 68       | 68       | 68       | 68       | 68       | 59       | 68       | 62       | 68       |          |
| Green Time (s)                                     | 38             | 40       | 41       | 40       | 40       | 32       | 40       | 36       | 29       | 40       | 34       | 40       |
| Saturation Time (s)                                | 15             | 14       | 14       | 40       | 15       | 16       | 15       | 12       | 26       | 40       | 14       | 12       |
| Effective Green                                    | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Waste)                      | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|                   |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|
| Saturated PCU     | 8  | 8  | 4  | 23 | 9  | 10 | 9  | 4  | 14 | 23 | 7  | 7  |
| Non-Saturated PCU | 8  | 5  | 10 | 0  | 8  | 5  | 14 | 8  | 2  | 0  | 6  | 13 |
| Cycle PCU         | 16 | 13 | 14 | 23 | 17 | 15 | 23 | 12 | 16 | 23 | 13 | 20 |

|                                                             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Effective Green (insert number of additional seconds below) | 35.00 | 40.00 | 41.00 | 40.00 | 40.00 | 32.00 | 40.00 | 36.00 | 29.00 | 40.00 | 34.00 | 40.00 |
| 0.00                                                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Sat Flow                                                    | 1920  | 2057  | 1029  | 2070  | 2160  | 2250  | 2160  | 1200  | 1938  | 2070  | 1800  | 2100  |
| Use Sat Flow?                                               | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |
| Free Flow Conditions?                                       | Yes   | Yes   | No    | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | M/Cycle | P/Cycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|---------|---------|--------|---------------|
| Obs1 (flow during saturation)  | 6   |      | 2   |       |       |     |       |         |         | 8      | 8             |
| Obs1 (flow out of saturation)  | 5   |      | 3   |       |       |     |       |         |         | 8      | 8             |
| Obs2 (flow during saturation)  | 6   |      | 2   |       |       |     |       |         |         | 8      | 8             |
| Obs2 (flow out of saturation)  | 4   | 1    |     |       |       |     |       |         |         | 5      | 5             |
| Obs3 (flow during saturation)  | 3   |      | 1   |       |       |     |       |         |         | 4      | 4             |
| Obs3 (flow out of saturation)  | 10  |      |     |       |       |     |       |         |         | 10     | 10            |
| Obs4 (flow during saturation)  | 19  |      | 2   | 1     |       |     |       |         |         | 22     | 23            |
| Obs4 (flow out of saturation)  |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs5 (flow during saturation)  | 9   |      |     |       |       |     |       |         |         | 9      | 9             |
| Obs5 (flow out of saturation)  | 6   |      |     | 1     |       |     |       |         |         | 7      | 8             |
| Obs6 (flow during saturation)  | 10  |      |     |       |       |     |       |         |         | 10     | 10            |
| Obs6 (flow out of saturation)  | 4   | 1    |     |       |       |     |       |         |         | 5      | 5             |
| Obs7 (flow during saturation)  | 6   |      | 3   |       |       |     |       |         |         | 9      | 9             |
| Obs7 (flow out of saturation)  | 12  |      | 2   |       |       |     |       |         |         | 14     | 14            |
| Obs8 (flow during saturation)  | 3   |      | 1   |       |       |     |       |         |         | 4      | 4             |
| Obs8 (flow out of saturation)  | 8   |      |     |       |       |     |       |         |         | 8      | 8             |
| Obs9 (flow during saturation)  | 12  |      | 2   |       |       |     |       |         |         | 14     | 14            |
| Obs9 (flow out of saturation)  | 2   |      |     |       |       |     |       |         |         | 2      | 2             |
| Obs10 (flow during saturation) | 22  | 1    |     |       |       |     |       |         |         | 23     | 23            |
| Obs10 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs11 (flow during saturation) | 7   |      |     |       |       |     |       |         |         | 7      | 7             |
| Obs11 (flow out of saturation) | 5   | 1    |     |       |       |     |       |         |         | 6      | 6             |
| Obs12 (flow during saturation) | 6   |      | 1   |       |       |     |       |         |         | 7      | 7             |
| Obs12 (flow out of saturation) | 10  | 3    |     |       |       |     |       |         |         | 13     | 13            |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |         |         | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

|                  |        |
|------------------|--------|
| Average Sat Flow | 1975   |
| Average DoS      | 83.04% |
| Sat Flow Obs     | 11     |

| Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCU Total (from count) |
|-----|--------------------|------------------------------|--------------------|--------------|-------------------------------|
| 12  | 37.50              | 37.50                        | 65.83              | 17.08        | 934.2                         |

Site  
Approach  
Lane

5 - The Parkway/Hayes Road/N Hyde Road  
D - INTERNAL Northbound  
4) Outside

|                                                             | Signal Timings |          |          |          |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                                             | Obs1           | Obs2     | Obs3     | Obs4     | Obs5     | Obs6     | Obs7     | Obs8     | Obs9     | Obs10    | Obs11    | Obs12    |
| Start of Green                                              | 17:00:01       | 17:01:06 | 17:02:14 | 17:03:22 | 17:04:30 | 17:05:38 | 17:06:36 | 17:07:46 | 17:08:54 | 17:09:53 | 17:11:01 | 17:12:03 |
| Time at start of full demand if different to green          |                |          |          |          |          |          |          |          |          |          |          |          |
| End of Saturation/Full Demand                               | 17:00:01       | 17:01:06 | 17:02:14 | 17:03:22 | 17:04:30 | 17:05:40 | 17:06:41 | 17:07:46 | 17:08:56 | 17:09:58 | 17:11:01 | 17:12:12 |
| Amber                                                       | 17:00:39       | 17:01:46 | 17:02:55 | 17:04:02 | 17:05:10 | 17:06:10 | 17:07:16 | 17:08:22 | 17:09:23 | 17:10:33 | 17:11:35 | 17:12:43 |
| Red                                                         | 17:00:42       | 17:01:49 | 17:02:58 | 17:04:05 | 17:05:13 | 17:06:13 | 17:07:21 | 17:08:25 | 17:09:26 | 17:10:36 | 17:11:38 | 17:12:46 |
| Green                                                       | 17:01:06       | 17:02:14 | 17:03:22 | 17:04:30 | 17:05:38 | 17:06:36 | 17:07:46 | 17:08:54 | 17:09:53 | 17:11:01 | 17:12:03 | 17:13:11 |
| Total                                                       | 00:01:06       | 00:01:08 | 00:01:08 | 00:01:08 | 00:01:08 | 00:01:08 | 00:01:08 | 00:00:59 | 00:01:08 | 00:01:02 | 00:01:08 |          |
| Cycle Time (s)                                              | 65             | 68       | 68       | 68       | 68       | 68       | 68       | 59       | 68       | 62       | 68       |          |
| Green Time (s)                                              | 38             | 40       | 41       | 40       | 40       | 32       | 40       | 36       | 29       | 40       | 34       | 40       |
| Saturation Time (s)                                         | 0              | 0        | 0        | 0        | 0        | 2        | 3        | 0        | 2        | 5        | 0        | 9        |
| Effective Green                                             | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Seconds of Green Lost (Waste)                               | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Saturated PCU                                               | 0              | 0        | 0        | 0        | 0        | 2        | 3        | 0        | 2        | 4        | 0        | 4        |
| Non-Saturated PCU                                           | 3              | 3        | 1        | 3        | 5        | 1        | 4        | 5        | 4        | 3        | 2        | 5        |
| Cycle PCU                                                   | 3              | 3        | 1        | 3        | 5        | 3        | 7        | 5        | 6        | 7        | 2        | 9        |
| Effective Green (insert number of additional seconds below) | 38.00          | 40.00    | 41.00    | 40.00    | 40.00    | 32.00    | 40.00    | 36.00    | 29.00    | 40.00    | 34.00    | 40.00    |
| 0.00                                                        |                |          |          |          |          |          |          |          |          |          |          |          |
| Sat Flow                                                    | 0              | 0        | 0        | 0        | 0        | 3600     | 3600     | 0        | 3600     | 2880     | 0        | 1600     |
| Use Sat Flow?                                               | No             | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       | No       |
| Free Flow Conditions?                                       | Yes            | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      |

| Count                          | Car | Taxi | LGV | OGV 1 | OGV 2 | Bus | Coach | MCycle | PCycle | Totals | TOTALS (PCUs) |
|--------------------------------|-----|------|-----|-------|-------|-----|-------|--------|--------|--------|---------------|
| Obs1 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs1 (flow out of saturation)  | 2   |      | 1   |       |       |     |       |        |        | 3      | 3             |
| Obs2 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs2 (flow out of saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs3 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs3 (flow out of saturation)  | 1   |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs4 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs4 (flow out of saturation)  | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs5 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs5 (flow out of saturation)  | 5   |      |     |       |       |     |       |        |        | 5      | 5             |
| Obs6 (flow during saturation)  | 2   |      | 1   |       |       |     |       |        |        | 2      | 2             |
| Obs6 (flow out of saturation)  |     |      |     |       |       |     |       |        |        | 1      | 1             |
| Obs7 (flow during saturation)  | 1   |      |     | 1     |       |     |       |        |        | 2      | 3             |
| Obs7 (flow out of saturation)  | 4   |      |     |       |       |     |       |        |        | 4      | 4             |
| Obs8 (flow during saturation)  |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs8 (flow out of saturation)  | 5   |      |     |       |       |     |       |        |        | 5      | 5             |
| Obs9 (flow during saturation)  | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs9 (flow out of saturation)  |     |      | 1   |       |       |     |       |        |        | 1      | 1             |
| Obs10 (flow during saturation) | 2   |      |     |       | 1     |     |       |        |        | 3      | 4             |
| Obs10 (flow out of saturation) | 3   |      |     |       |       |     |       |        |        | 3      | 3             |
| Obs11 (flow during saturation) | 0   |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs11 (flow out of saturation) | 2   |      |     |       |       |     |       |        |        | 2      | 2             |
| Obs12 (flow during saturation) | 4   |      |     |       |       |     |       |        |        | 4      | 4             |
| Obs12 (flow out of saturation) | 5   |      |     |       |       |     |       |        |        | 5      | 5             |
| Obs13 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs13 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs14 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs15 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs16 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs17 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs18 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs19 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs20 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs21 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow during saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |
| Obs22 (flow out of saturation) |     |      |     |       |       |     |       |        |        | 0      | 0             |

| Additional Readings for Sat Flows if required. Use this if not Free Flow Conditions |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Obs13                                                                               | Obs14 | Obs15 | Obs16 | Obs17 | Obs18 | Obs19 | Obs20 | Obs21 | Obs22 |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                     |       |       |       |       |       |       |       |       |       |  |  |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:00 |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|------|------|------|------|------|

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| No | No | No | No | No | No | No | No | No | No | No | No |
| No | No | No | No | No | No | No | No | No | No | No | No |

| Average Sat Flow | #DIV/0! | Obs | Average Green Time | Average Effective Green Time | Average Cycle Time | Average Flow | Hourly PCUTotal (from count) |
|------------------|---------|-----|--------------------|------------------------------|--------------------|--------------|------------------------------|
| Average Sat Flow | #DIV/0! | 12  | 37.50              | 37.50                        | 65.83              | 4.50         | 246.1                        |
| Average DOS      | #DIV/0! |     |                    |                              |                    |              |                              |
| Sat Flow Obs     | 0       |     |                    |                              |                    |              |                              |