

Cycle Superhighway 9 - Modelling Results PM

| Correct as at 15 September 2017   | 2015 journey times (minutes)               |                          |   | 2021 journey time* (minutes)               |                          |   | 2021 journey time with CS9 scheme (minutes) |                          |           | Impact of CS9 scheme on 2021 scenario (minutes)** |
|---|--|--------------------------|---|--|--------------------------|---|---|--------------------------|-----------|---|
|   | Current journeys                           |                          | Bands   | Journeys modelled                          |                          | Bands   | Journeys modelled                           |                          | Bands     |   |
|   |  |                          |   |  |                          |   |   |                          |           |   |
| Traffic<br>Average journey times (minutes as a range)                                     | Ealing Road - Holland Road                 | Eastbound                | 30-35   | Ealing Road - Holland Road                 | Eastbound                | 40-45   | Ealing Road - Holland Road                  | Eastbound                | 50-55     | 5-10  |
|   | Holland Road - Ealing Road                 | Westbound                | 35-40   | Holland Road - Ealing Road                 | Westbound                | 35-40   | Holland Road - Ealing Road                  | Westbound                | 35-40     | -(0-5)  |
|   | Ealing Road - Kew Bridge                   | Eastbound                | 4-5   | Ealing Road - Kew Bridge                   | Eastbound                | 7-8   | Ealing Road - Kew Bridge                    | Eastbound                | 14-16     | 7-9   |
|   | Kew Bridge - Ealing Road                   | Westbound                | 1-2   | Kew Bridge - Ealing Road                   | Westbound                | 1-2   | Kew Bridge - Ealing Road                    | Westbound                | 2-3       | 0-1   |
|   | Kew Bridge - Chiswick Roundabout           | Eastbound                | 2-3   | Kew Bridge - Chiswick Roundabout           | Eastbound                | 2-3   | Kew Bridge - Chiswick Roundabout            | Eastbound                | 1-2       | -(0-1)  |
|   | Chiswick Roundabout - Kew Bridge           | Westbound                | 4-5   | Chiswick Roundabout - Kew Bridge           | Westbound                | 9-10  | Chiswick Roundabout - Kew Bridge            | Westbound                | 7-8       | -(2-3)  |
|   | Chiswick Roundabout - Goldhawk Road        | Eastbound                | 12-14   | Chiswick Roundabout - Goldhawk Road        | Eastbound                | 12-14   | Chiswick Roundabout - Goldhawk Road         | Eastbound                | 16-18     | 5-7   |
|   | Goldhawk Road - Chiswick Roundabout        | Westbound                | 16-18   | Goldhawk Road - Chiswick Roundabout        | Westbound                | 14-16   | Goldhawk Road - Chiswick Roundabout         | Westbound                | 16-18     | 0-2   |
|   | Goldhawk Road - Holland Road               | Eastbound                | 12-14   | Goldhawk Road - Holland Road               | Eastbound                | 20-25   | Goldhawk Road - Holland Road                | Eastbound                | 16-18     | -(3-5)  |
|   | Holland Road - Goldhawk Road               | Westbound                | 12-14   | Holland Road - Goldhawk Road               | Westbound                | 12-14   | Holland Road - Goldhawk Road                | Westbound                | 12-14     | 0-2   |
| Hammersmith Bridge Road - Shepherds Bush Road   | Northbound                                 | 2-3                      | Hammersmith Bridge Road - Shepherds Bush Road       | Northbound                                 | 4-5                      | Hammersmith Bridge Road - Shepherds Bush Road       | Northbound                                  | 5-6                      | 1-2       |   |
| Shepherds Bush Road - Hammersmith Bridge Road   | Southbound                                 | 6-7                      | Shepherds Bush Road - Hammersmith Bridge Road       | Southbound                                 | 7-8                      | Shepherds Bush Road - Hammersmith Bridge Road       | Southbound                                  | 7-8                      | 0-1       |   |
| Buses<br>A sample of journey times on routes through the scheme area (minutes as a range) | 237 (Ealing Road - Goldhawk Road)          | Eastbound                | 20-25   | 237 (Ealing Road - Goldhawk Road)          | Eastbound                | 20-25   | 237 (Ealing Road - Goldhawk Road)           | Eastbound                | 30-35     | 5-10  |
|   |  | Westbound                | 20-25   |  | Westbound                | 25-30   |   | Westbound                | 20-25     | -(0-5)  |
|   | 65 (Ealing Road - Kew Bridge)              | Eastbound                | 5-6   | 65 (Ealing Road - Kew Bridge)              | Eastbound                | 7-8   | 65 (Ealing Road - Kew Bridge)               | Eastbound                | 12-14     | 5-7   |
|   |  | Westbound                | 3-4   |  | Westbound                | 2-3   |   | Westbound                | 3-4       | 0-1   |
|   | 391 (Kew Bridge - North End Road)          | Eastbound                | 30-35   | 391 (Kew Bridge - North End Road)          | Eastbound                | 30-35   | 391 (Kew Bridge - North End Road)           | Eastbound                | 35-40     | 5-10  |
|   |  | Westbound                | 30-35   |  | Westbound                | 35-40   |   | Westbound                | 35-40     | 0-5   |
|   | 27 (Chiswick Business Park - Olympia)      | Eastbound                | 25-30   | 27 (Chiswick Business Park - Olympia)      | Eastbound                | 25-30   | 27 (Chiswick Business Park - Olympia)       | Eastbound                | 30-35     | 5-10  |
|   |  | Westbound                | 25-30   |  | Westbound                | 25-30   |   | Westbound                | 25-30     | -(0-5)  |
|   | 9 (Hammersmith Bus Station - Holland Road) | Eastbound                | 6-7   | 9 (Hammersmith Bus Station - Holland Road) | Eastbound                | 8-9   | 9 (Hammersmith Bus Station - Holland Road)  | Eastbound                | 8-9       | -(0-1)  |
|   |  | Westbound                | 8-9   |  | Westbound                | 7-8   |   | Westbound                | 7-8       | -(0-1)  |
| 220 (Shepherds Bush Road - Hammersmith Bus Station)                                       | Northbound                                 | 2-3                      | 220 (Shepherds Bush Road - Hammersmith Bus Station) | Northbound                                 | 2-3                      | 220 (Shepherds Bush Road - Hammersmith Bus Station) | Northbound                                  | 3-4                      | 0-1       |   |
|   | Southbound                                 | 2-3                      |   | Southbound                                 | 2-3                      |   | Southbound                                  | 2-3                      | No change |   |
| Cycling<br>Average journey times (minutes as a range)                                     | Ealing Road - Holland Road                 | Eastbound                | 25-30   | Ealing Road - Holland Road                 | Eastbound                | 25-30   | Ealing Road - Holland Road                  | Eastbound                | 20-25     | -(0-5)  |
|   | Holland Road - Ealing Road                 | Westbound                | 25-30   | Holland Road - Ealing Road                 | Westbound                | 25-30   | Holland Road - Ealing Road                  | Westbound                | 20-25     | -(0-5)  |
|   | Goldhawk Road - Holland Road               | Eastbound                | 12-14   | Goldhawk Road - Holland Road               | Eastbound                | 12-14   | Goldhawk Road - Holland Road                | Eastbound                | 10-12     | -(2-4)  |
|   | Holland Road - Goldhawk Road               | Westbound                | 12-14   | Holland Road - Goldhawk Road               | Westbound                | 10-12   | Holland Road - Goldhawk Road                | Westbound                | 10-12     | -(0-2)  |
|   | Ealing Road - Wellesley Road               | Eastbound                | 8-9   | Ealing Road - Wellesley Road               | Eastbound                | 8-9   | Ealing Road - Wellesley Road                | Eastbound                | 7-8       | -(0-1)  |
|   | Wellesley Road - Ealing Road               | Westbound                | 8-9   | Wellesley Road - Ealing Road               | Westbound                | 8-9   | Wellesley Road - Ealing Road                | Westbound                | 7-8       | -(1-2)  |
|   | 2015 journey times (seconds)               |                          |   | 2021 journey time* (seconds)               |                          |   | 2021 journey time with CS9 scheme (seconds) |                          |           | Impact of CS9 scheme on 2021 scenario (seconds)** |
|   | Current journeys                           |                          | Bands   | Journeys modelled                          |                          | Bands   | Journeys modelled                           |                          | Bands     |   |
|   |  |                          |   |  |                          |   |   |                          |           |   |
| Walking<br>Total average wait times to complete crossing movements (seconds as a range)   | Kew Road / Kew Bridge Road                 | North-west to East       | 60-90   | Kew Road / Kew Bridge Road                 | North-west to East       | 60-90   | Kew Road / Kew Bridge Road                  | North-west to East       | 30-60     | -(30-60)  |
|   |  | East to North-west       | 90-120  |  | East to North-west       | 90-120  |   | East to North-west       | 90-120    | 0-30  |
|   |  | North-west to South-west | 60-90   |  | North-west to South-west | 60-90   |   | North-west to South-west | 60-90     | 0-30  |
|   |  | South-west to North-west | 30-60   |  | South-west to North-west | 30-60   |   | South-west to North-west | 120-150   | 90-120  |
|   |  | South-west to East       | 120-150   |  | South-west to East       | 90-120  |   | South-west to East       | 90-120    | -(0-30)   |
|   |  | East to South-west       | 150-180   |  | East to South-west       | 150-180   |   | East to South-west       | 120-150   | -(0-30)   |
|   | Chiswick High Road / Wellesley Road        | West to East             | 30-60   | Chiswick High Road / Wellesley Road        | West to East             | 30-60   | Chiswick High Road / Wellesley Road         | West to East             | 120-150   | 60-90   |
|   |  | East to West             | 30-60   |  | East to West             | 30-60   |   | East to West             | 30-60     | 0-30  |
|   |  | North to East            | 0-30  |  | North to East            | 0-30  |   | North to East            | 120-150   | 90-120  |
|   |  | East to North            | 30-60   |  | East to North            | 0-30  |   | East to North            | 30-60     | 0-30  |

\*Including future growth, committed schemes and consulted scheme at Hammersmith

\*\*We use bandings to reflect daily fluctuations in journey time. Where possible, we report a narrower range for the journey time difference, to provide a more accurate prediction of the impact of CS9.