

## 7. Service Specification

Route: K2

Contract Reference QC41403

This Service Specification forms section 7 of the ITT and should be read in conjunction with the ITT document, Version 1 dated 29 September 2011.

You are formally invited to tender for the provision of the bus service detailed below and in accordance with this Service Specification. Tenderers must ensure that a Compliant Tender is submitted and this will only be considered for evaluation if all parts of the Tender documents, as set out in section 11, have been received by the Corporation by the Date of Tender. The Tender must be fully completed in the required format, in accordance with the Instructions to Tenderers. A Compliant Tender must comply fully with the requirements of the Framework Agreement; adhere to the requirements of the Service Specification; and reflect the price of operating the Services with new vehicles.

<b>Terminus Points</b>	Kingston Hospital to Hook, Library
<b>Contract Basis</b>	Incentivised
<b>Commencement Date</b>	29 <sup>th</sup> June 2013
<b>Vehicle Type</b>	60 capacity, dual door, single deck, minimum 10.8m long
<b>Current Maximum Approved Dimensions</b>	10.1 metres long and 2.4 metres wide
<b>New Vehicles Mandatory</b>	Yes
<b>Hybrid Price Required</b>	No
<b>Sponsored Route</b>	No
<b>Minimum Performance Standard</b>	Average Excess Wait Time - No more than 0.80 minutes
<b>Extension Threshold</b>	Average Excess Wait Time Threshold - 0.70 minutes
<b>Advertising Rights</b>	Operator
<b>Minimum Operated Mileage Standard</b>	No less than 98.00%

The Date of Tender for this ITT is: No later than 12 Noon on 25<sup>th</sup> June 2012

*Tenderers should refer to section 3 of Part A for the Service Specification Explanatory Notes and Appendix B of section 5 for the Example Service Specification of the ITT document.*

## **SERVICE SPECIFICATION**

- 1) SERVICE SPEC - ROUTE SPECIFICATION INFORMATION
- 2) NOTES
- 3) SCHEDULE REQUIREMENTS & PINCHPOINTS
- 4) OPERATIONAL CONSIDERATIONS
- 5) ROUTE RECORD, CURRENT PERFORMANCE, QSI BY TIME OF DAY, IBUS MILEAGE & QSI POINTS

## 2) NOTES

### **Proposed Changes:**

At this time, no changes are proposed to the existing service for introduction prior to the commencement of the new Route Agreement for Route No. K2.

Tenderers should note that the following alterations (subject to consultation) are proposed as part of this Service Specification for introduction with the new Route Agreement:

- 60 capacity, dual door, single deck buses of a minimum of 10.8 metres long buses will be specified, subject to a satisfactory route test.
- All short working journeys between Tolworth Station and Kingston Hospital are withdrawn.
- The Boxing Day service should match the Sunday service.
- **Tenderers must identify the cost of the Boxing Day element of this service separately.**

### 3) SCHEDULE REQUIREMENTS & PINCHPOINTS

#### 3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Kingston Hospital to Hook, Library			Hook, Library to Kingston Hospital		
First departure no later than 0610.			First departure no later than 0530.		
0605 - 0655	Every 15 minutes		0525 - 0610	Every 20 minutes	
0656 - 1930	Every 10 minutes		0611 - 0640	Every 15 minutes	
1931 - 2000	Every 15 minutes		0641 - 1850	Every 10 minutes	
2001 - 0025	Every 20 minutes		1851 - 1935	Every 15 minutes	
			1936 - 2340	Every 20 minutes	
Last departure no earlier than 0020.			Last departure no earlier than 2335.		
<b>Pinchpoints</b>					
Tolworth Station	0730 - 0900	10 minutes	Kingston, Eden Street	0720 - 0900	10 minutes
	1505 - 1625	10 minutes		1500 - 1640	10 minutes

#### 3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Kingston Hospital to Hook, Library			Hook, Library to Kingston Hospital		
First departure no later than 0610.			First departure no later than 0530.		
0605 - 0850	Every 20 minutes		0525 - 0830	Every 20 minutes	
0851 - 0920	Every 15 minutes		0831 - 0845	Every 15 minutes	
0921 - 1750	Every 10 minutes		0846 - 1715	Every 10 minutes	
1751 - 1900	Every 15 minutes		1716 - 1815	Every 15 minutes	
1901 - 0025	Every 20 minutes		1816 - 2340	Every 20 minutes	
Last departure no earlier than 0020.			Last departure no earlier than 2335.		
<b>Pinchpoints</b>					
Tolworth Station	0930 - 0945	15 minutes	Kingston, Eden Street	0925 - 1055	10 minutes
	0946 - 1055	10 minutes			

#### 3.3) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Kingston Hospital to Hook, Library			Hook, Library to Kingston Hospital		
First departure no later than 0700.			First departure no later than 0635.		
0655 - 0920	Every 20 minutes		0630 - 0835	Every 20 minutes	
0921 - 1820	Every 15 minutes		0836 - 1715	Every 15 minutes	
1821 - 0025	Every 20 minutes		1716 - 2340	Every 20 minutes	
Last departure no earlier than 0020.			Last departure no earlier than 2335.		
<b>Pinchpoints</b>					
Tolworth Station	1030 - 1130	15 minutes	Kingston, Eden Street	1030 - 1130	15 minutes

Tenderers must identify the cost of the Boxing Day element of this service separately.

**4) OPERATIONAL CONSIDERATIONS**

- 4.1) Route No. K2 should interwork with other bus services where possible.
- 4.2) Route No. K2 can suffer unpredictable traffic delays in the Kingston area.

**5) ROUTE RECORD, CURRENT PERFORMANCE, QSI BY TIME OF DAY, IBUS MILEAGE & QSI POINTS**

- 5.1) ROUTE RECORD  
As per Busnet Printout.
- 5.2) CURRENT PERFORMANCE  
As per current print out.
- 5.3) QSI BY TIME OF DAY  
As per current print out.
- 5.4) IBUS MILEAGE & QSI POINTS  
As per current print out.

# LONDON BUSES - ROUTE DESCRIPTION

## ROUTE K2: Kingston Hospital - Hook, Library

**Date of Structural Change:** 29 June 2013.

**Date of Service Change:** 29 June 2013.

**Reason for Issue:** New Tender.

### **STREETS TRAVERSED**

**Towards Hook, Library:** Private Road In Kingston Hospital Grounds, Galsworthy Road, Coombe Road, London Road, Fairfield North, Wheatfield Way, Clarence Street, Eden Street, Brook Street, Wheatfield Way, Penrhyn Road, Surbiton Road, Surbiton Crescent, Claremont Road, St Mark's Hill, Ewell Road, Berrylands Road, Park Road, Surbiton Hill Park, Raeburn Avenue, Elgar Avenue, Ewell Road, Tolworth Broadway, Kingston Road, Jubilee Way, Cox Lane, Gosbury Hill, Orchard Gardens, Hawkhurst Gardens, Hook Road.

**Towards Kingston Hospital:** Hook Road, Elm Road, Gosbury Hill, Cox Lane, Jubilee Way, Kingston Road, Tolworth Broadway, Ewell Road, Elgar Avenue, Raeburn Avenue, Surbiton Hill Park, Park Road, Berrylands Road, Ewell Road, St Mark's Hill, Claremont Road, Surbiton Crescent, Surbiton Road, Penrhyn Road, Wheatfield Way, Brook Street, Eden Street, Clarence Street, Cromwell Road, Queen Elizabeth Road, London Road, Coombe Road, Galsworthy Road, Private Road In Kingston Hospital Grounds.

## **AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS**

Please note that only stands, curtailment points, & blind descriptions as detailed in this contractual document may be used.

### **KINGSTON HOSPITAL**

Private stand for 2 buses in grounds of Kingston Hospital on west side of Galsworthy Road on north side of outbound roadway adjacent to out-patients department car park. Buses proceed from Private Road In Kingston Hospital Grounds direct to stand, departing to Private Road In Kingston Hospital Grounds. Set down in Private Road In Kingston Hospital Grounds, at Stop NJ (BP1268 - Kingston Hospital, Last Stop on LOR: BP1268 - Kingston Hospital) and pick up in Private Road In Kingston Hospital Grounds, at stop NJ (BP1268 - Kingston Hospital, First Stop on LOR: BP1268 - Kingston Hospital).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: No more than 1 bus on Route K2 should be scheduled to stand at any one time.  
MEAL RELIEFS: No meal relief vehicles to stand at any time.  
FERRY VEHICLES: No ferry vehicles to park on stand at any time.  
BLIND DISPLAY: Kingston Hospital.  
OTHER INFORMATION: Toilet facilities available 24 hours a day.

### **KINGSTON, CROMWELL ROAD BUS STATION (from HOOK, LIBRARY)**

Private stand for 12 buses in marked bays in Cromwell Road Bus Station on north side of Cromwell Road. Buses to stand as follows:

Bays A5/A6 - Route 285,  
Bays A7/A8 - Route 111,  
Bay A9 - Route 216,  
Bay A10 - Route 411,  
Bay A11 - other operators,  
Bay A12 - Route 481 and other operators,  
Bay A13 - Route K1,  
Bays A14/A15 - Route 71,  
Bay A16 - Route 465.

Buses proceed from Cromwell Road via Cromwell Road Bus Station to stand, departing via Cromwell Road Bus Station, Cromwell Road, Queen Elizabeth Road, Fairfield North, Wheatfield Way and Clarence Street to Eden Street. Set down in Cromwell Road, at Stop A2 (BP1084 - Cromwell Road Bus Station, Last Stop on LOR: BP1094 - Cromwell Road Bus Station) and pick up in Eden Street, at Stop D2 (R0702 - Eden Street, First Stop on LOR: R0702 - Eden Street).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: None  
MEAL RELIEFS: No meal relief vehicles to stand at any time.  
FERRY VEHICLES: No ferry vehicles to park on stand at any time.  
BLIND DISPLAY: Kingston, Cromwell Road.

### **SURBITON, CLAREMONT ROAD, EAST SIDE (from Kingston Hospital)**

Public stand for two buses on east side of Claremont Road, commencing at lamp standard 7 extending 29 metres north.

Buses proceed from Claremont Road direct to stand, departing via Claremont Road and Victoria Road (Circumnavigate Roundabout At Junction) to Claremont Road. Set down in Claremont Road, at Stop NH (19590 - The Crescent, Last Stop on LOR: 19590 - The Crescent) and pick up in Claremont Road, at Stop NC (23416 - Claremont Road / Surbiton Station #, First Stop on LOR: 23416 - Claremont Road / Surbiton Station #).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	Unscheduled curtailments only
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Surbiton.

### **BERRYLANDS STATION (from Kingston Hospital)**

Buses proceed from Surbiton Hill Park departing to Surbiton Hill Park. Set down in Surbiton Hill Park, at Stop B (23515 - The Berrylands / Berrylands Station #, Last Stop on LOR: 23515 - The Berrylands / Berrylands Station #) and pick up in Surbiton Hill Park, at Stop A (23516 - The Berrylands / Berrylands Station #, First Stop on LOR: 23516 - The Berrylands / Berrylands Station #).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	<b>Turning Point Only - Buses must not stand</b>
BLIND DISPLAY:	Berrylands.

### **TOLWORTH, RED LION (from HOOK, LIBRARY)**

Public stand for 2 buses opposite Red Lion public house on north side of slip road between Ewell Road and King Charles Road commencing 10 metres west of King Charles Road and extending 23 metres west.

Buses proceed from Ewell Road via King Charles Road Slip Road to stand, departing via King Charles Road Slip Road and King Charles' Road to Ewell Road. Set down in Ewell Road, at Stop L (27573 - Princes Avenue, Last Stop on LOR: 27573 - Princes Avenue) and pick up in Ewell Road, at Stop J (BP4867 - Princes Avenue, First Stop on LOR: BP4867 - Princes Avenue).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	Unscheduled curtailments only
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Tolworth, Red Lion Road.



### **TOLWORTH, EWELL ROAD (from Kingston Hospital)**

Public stand for 4 buses on west side of Ewell Road commencing level with Tolworth Tower Travelodge reception entrance and extending 49 metres south.

Buses proceed from Tolworth Broadway via Tolworth Rise North and Ewell Road to stand, departing to Ewell Road. Set down in Tolworth Broadway, at Stop F (11739 - Tolworth Broadway, Last Stop on LOR: 11739 - Tolworth Broadway) and pick up in Ewell Road, at Stop L (27573 - Princes Avenue, First Stop on LOR: 27573 - Princes Avenue).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: Unscheduled curtailments only.  
MEAL RELIEFS: No meal relief vehicles to stand at any time.  
FERRY VEHICLES: No ferry vehicles to park on stand at any time.  
BLIND DISPLAY: Tolworth Broadway.

### **CHESSINGTON INDUSTRIAL ESTATE, DAVIS ROAD [WITHDRAWN] (from Kingston Hospital)**

Public stand for one bus on east side of Davis Road, commencing 55 metres north of Cox Lane outside Shellcotts Plastics.

Buses proceed from Cox Lane via Davis Road to stand, departing via Davis Road to Cox Lane. Set down in Cox Lane (34034 - Roebuck Road, Last Stop on LOR: 34034 - Roebuck Road) and pick up in Cox Lane (34035 - Roebuck Road, First Stop on LOR: BP5328 - Jubilee Way / King George's Field).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: Unscheduled curtailments only.  
MEAL RELIEFS: No meal relief vehicles to stand at any time.  
FERRY VEHICLES: No ferry vehicles to park on stand at any time.  
BLIND DISPLAY: Chessington, Industrial Estate.

### **HOOK, LIBRARY**

Public stand for one bus in bay on east side of Hook Road, commencing 5 metres north of lamp standard 32 extending 13 metres north.

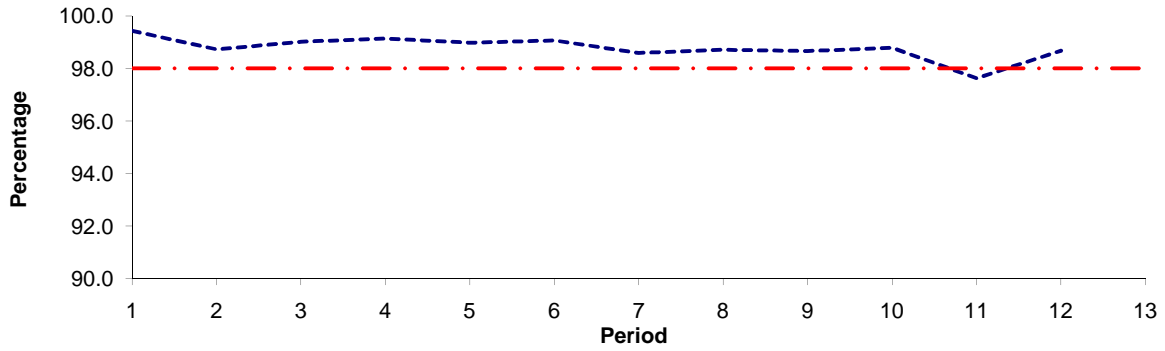
Buses proceed from Hook Road direct to stand, departing to Hook Road. Set down in Hook Road, at Stop HJ (C17 - Hook Parade, Last Stop on LOR: C17 - Hook Parade) and pick up in Hook Road, at Stop HJ (C17 - Hook Parade, First Stop on LOR: C17 - Hook Parade).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: None  
MEAL RELIEFS: No meal relief vehicles to stand at any time.  
FERRY VEHICLES: No ferry vehicles to park on stand at any time.  
BLIND DISPLAY: Hook.  
OTHER INFORMATION: No toilet facilities available.

**PART B - PERFORMANCE STATISTICS**

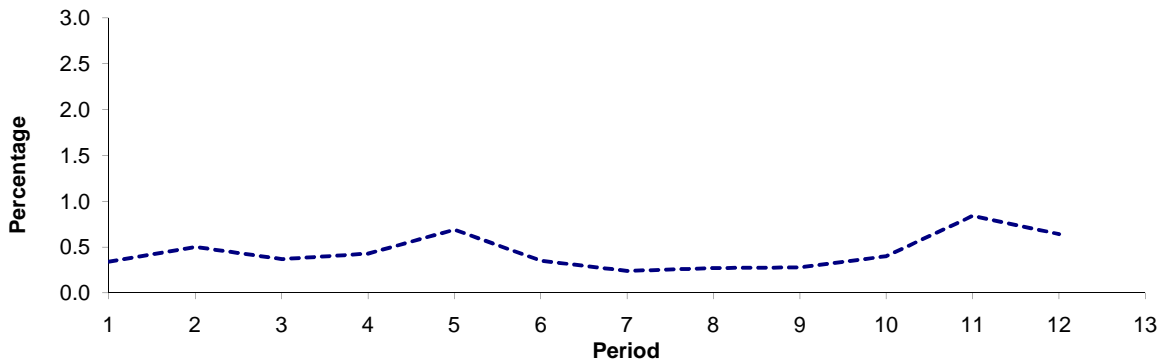
**Route K2**

**Mileage Operated**



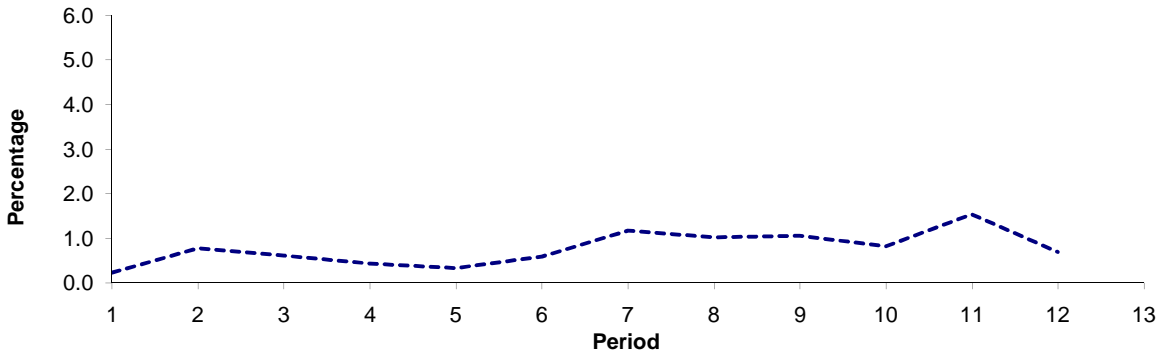
Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2011/2012	99.43	98.72	99.02	99.14	98.98	99.06	98.59	98.71	98.66	98.78	97.62	98.67	
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00

**Deductible Mileage**



Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2011/2012	0.34	0.50	0.37	0.43	0.69	0.35	0.24	0.27	0.28	0.40	0.84	0.64	

**Non Deductible Mileage**



Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2011/2012	0.23	0.78	0.61	0.43	0.33	0.59	1.17	1.02	1.06	0.82	1.54	0.69	

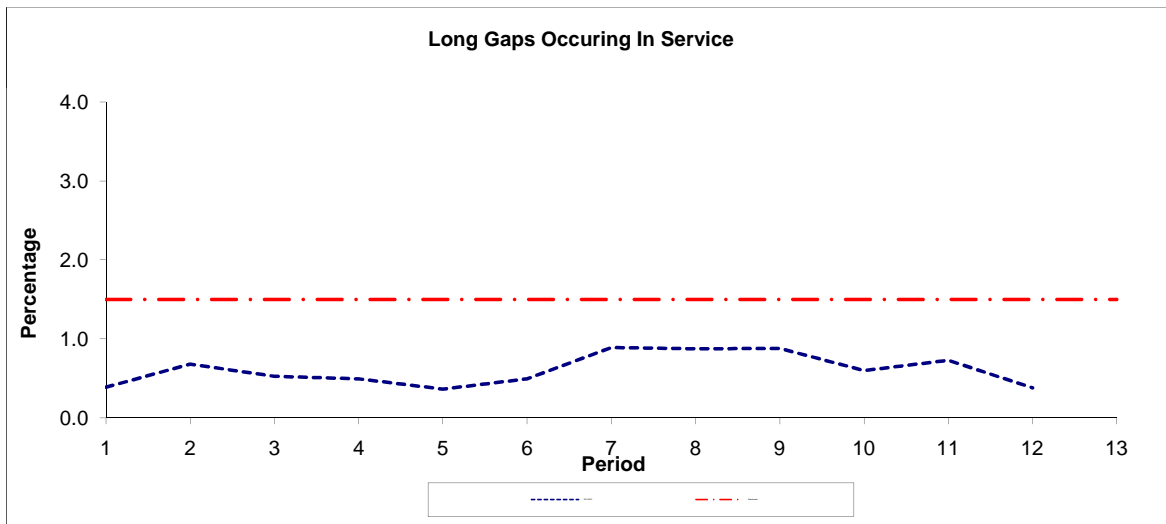
**Note :** Mileage is based on 4 weeks data

**PART B - PERFORMANCE STATISTICS**

**Route K2**



Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2011-2012	0.63	0.82	0.74	0.66	0.65	0.68	0.92	0.82	0.89	0.69	0.70	0.48	
Min Standard	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80



Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2011-2012	0.39	0.68	0.53	0.49	0.36	0.49	0.89	0.88	0.88	0.60	0.73	0.38	
Benchmark	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

**Note :** Reliability is actual performance under full iBus (4 weeks data).  
 Minimum Standards and Benchmarks are those applicable under the new contract.

**ROUTE K2 - FULL IBUS RESULTS BY TIME OF DAY**  
**QUARTERS 1 to 3 2011/12 (01/04/11 - 06/01/12)**

**MONDAY - FRIDAY**

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (AWT) (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
0500 - 0700	10,206.	95.9	8.58	0.46	9.05	70.1	27.2	2.4	0.3	1.6	51.1
0700 - 1000	49,397.	97.6	5.26	0.88	6.14	83.3	15.8	0.8	0.1	0.7	48.8
1000 - 1300	50,662.	98.7	5.00	0.70	5.71	86.1	13.5	0.4	0.0	0.4	40.2
1300 - 1600	51,417.	98.2	4.99	0.74	5.73	85.4	14.1	0.5	0.0	0.5	50.7
1600 - 1900	50,898.	98.7	4.98	1.20	6.18	81.5	17.2	1.2	0.1	1.3	59.2
1900 - 2200	31,432.	99.2	7.91	0.50	8.41	61.7	33.8	4.0	0.4	0.3	64.4
2200 - 2400	16,272.	100.8	9.98	0.36	10.34	53.1	41.3	5.1	0.5	0.1	61.9
<b>Summary</b>	<b>260,284.</b>	<b>98.5</b>	<b>5.70</b>	<b>0.82</b>	<b>6.52</b>	<b>79.6</b>	<b>18.9</b>	<b>1.4</b>	<b>0.1</b>	<b>0.7</b>	<b>64.4</b>

**SATURDAY**

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (AWT) (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
0500 - 0700	1,781.	100.5	10.01	0.20	10.21	63.4	32.6	3.4	0.6	1.9	67.0
0700 - 1000	7,284.	97.6	7.66	0.50	8.16	69.1	28.5	2.3	0.1	0.1	43.5
1000 - 1300	10,728.	98.5	4.99	0.63	5.62	86.9	12.7	0.4	0.0	0.4	31.0
1300 - 1600	10,825.	99.5	4.99	0.67	5.67	86.4	13.3	0.3	0.0	0.3	36.0
1600 - 1900	9,130.	99.3	5.92	0.53	6.45	77.3	21.3	1.3	0.1	0.3	39.3
1900 - 2200	5,250.	99.6	9.82	0.57	10.39	50.0	42.0	7.1	0.9	0.3	68.0
2200 - 2400	3,228.	100.5	9.98	0.24	10.22	53.2	41.3	5.1	0.4	0.0	43.8
<b>Summary</b>	<b>48,226.</b>	<b>99.1</b>	<b>6.42</b>	<b>0.57</b>	<b>6.99</b>	<b>76.2</b>	<b>21.8</b>	<b>1.8</b>	<b>0.2</b>	<b>0.3</b>	<b>68.0</b>

**SUNDAY AND BANK HOLIDAYS**

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (AWT) (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
0500 - 0700	451.	103.5	10.00	0.10	10.10	80.8	16.1	2.6	0.5	7.2	38.7
0700 - 1000	6,603.	98.2	9.11	0.40	9.51	57.0	39.4	3.4	0.2	0.0	44.8
1000 - 1300	8,031.	99.0	7.36	0.52	7.89	66.4	31.5	1.8	0.2	0.2	54.2
1300 - 1600	8,094.	99.4	7.33	0.58	7.91	66.6	31.3	1.8	0.2	0.2	47.2
1600 - 1900	7,725.	98.8	7.88	0.50	8.38	61.6	34.6	3.4	0.3	0.2	42.1
1900 - 2200	5,987.	100.0	9.96	0.41	10.37	50.0	43.6	5.8	0.7	0.1	60.6
2200 - 2400	3,796.	101.7	10.00	0.12	10.12	53.6	42.4	3.9	0.1	0.0	43.4
<b>Summary</b>	<b>40,687.</b>	<b>99.3</b>	<b>8.21</b>	<b>0.47</b>	<b>8.68</b>	<b>61.5</b>	<b>35.2</b>	<b>3.0</b>	<b>0.3</b>	<b>0.3</b>	<b>60.6</b>

**ALL DAYS**

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (AWT) (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
0500 - 0700	12,438.	96.8	8.80	0.41	9.22	69.8	27.3	2.5	0.3	1.9	67.0
0700 - 1000	63,284.	97.7	5.67	0.82	6.49	80.8	18.1	1.1	0.1	0.6	48.8
1000 - 1300	69,421.	98.7	5.28	0.67	5.95	83.9	15.5	0.5	0.0	0.4	54.2
1300 - 1600	70,336.	98.5	5.25	0.71	5.96	83.5	15.8	0.6	0.1	0.4	50.7
1600 - 1900	67,753.	98.8	5.36	1.06	6.42	79.1	19.4	1.4	0.1	1.1	59.2
1900 - 2200	42,669.	99.3	8.38	0.50	8.88	58.9	35.9	4.6	0.5	0.3	68.0
2200 - 2400	23,296.	100.9	9.99	0.31	10.29	53.2	41.5	4.9	0.4	0.1	61.9
<b>Summary</b>	<b>349,197.</b>	<b>98.7</b>	<b>6.03</b>	<b>0.75</b>	<b>6.79</b>	<b>77.4</b>	<b>20.8</b>	<b>1.6</b>	<b>0.2</b>	<b>0.6</b>	<b>68.0</b>

## Transport for London - QSI Points and Mileage

Route K2

Service change

Date

Locations shaded in blue denote QSI points under Full iBus

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
KINGHP S	KINGHP S	KINGSTON HOSPITAL		
KINGHP	BP1268	Kingston Hospital	0	0.00
	BP1735	Norbiton Station	421	0.26
	BP1736	Station Road	416	0.26
	BP5305	Gordon Road	104	0.06
	R0277	Norbiton Church	242	0.15
	BP387	Tiffin School / London Road	171	0.11
KINGES	R0702	Eden Street	568	0.35
	BP492	Brook Street	223	0.14
	12900	Kingston University / County Hall	461	0.29
	4486	Surbiton Road	431	0.27
	27354	Maple Road	212	0.13
	19590	The Crescent	387	0.24
SURBSNC	27532	Surbiton Station	236	0.15
	25135	St Mark's Church	372	0.23
	6726	Surbiton Telephone Exchange	265	0.16
	31742	Berrylands Road	144	0.09
	24483	Parklands	357	0.22
	23520	Regent Road	192	0.12
	23517	The Ridings	410	0.25
BERRSN	23515	The Berrylands / Berrylands Station	376	0.23
	23514	Pembroke Avenue	265	0.16
	23511	The Roystons	402	0.25
	23509	Pine Gardens	452	0.28
SURBLG	R0133	Edith Gardens	227	0.14
	23505	Southcote Avenue	379	0.24
	23504	Austyn Gardens	277	0.17
	BP4867	Princes Avenue	350	0.22
	11739	Tolworth Broadway	369	0.23
TOLWSN	R0287	Tolworth Station	261	0.16
	BP5327	Jubilee Way / King George's Field	1044	0.65
CHIECD	34034	Roebuck Road	382	0.24
	BP1960	Mount Road	272	0.17
	BP1957	Oakcroft Road	279	0.17
	BP3619	Cox Lane	405	0.25
	BP3620	Elm Road	198	0.12
	BP3621	Rosemary Gardens	192	0.12
HOOKLB	C17	Hook Parade	388	0.24
HOOKLB S	HOOKLB S	HOOK, LIBRARY	0	0.00
<b>TOTAL ROUTE MILEAGE - OUT DIRECTION</b>			12130	7.54
			metres	miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
HOOKLB S	HOOKLB S	HOOK, LIBRARY		
HOOKLB	C17	Hook Parade	0	0.00
	BP3622	Elm Road	371	0.23
	BP3623	Cox Lane	194	0.12
	BP1958	Oakcroft Road	343	0.21
	BP1959	Mount Road	277	0.17
CHIECD	34035	Roebuck Road	253	0.16
	BP5328	Jubilee Way / King George's Field	438	0.27
TOLWSN	R0162	Tolworth Station	893	0.55
	28215	Tolworth Broadway	402	0.25
	27573	Princes Avenue	297	0.18
	23503	Austyn Gardens	274	0.17
	23506	Southcote Avenue	418	0.26
SURBLG	R0132	Edith Gardens	294	0.18
	23510	Pine Gardens	369	0.23
	23512	The Roystons	391	0.24
	23513	Pembroke Avenue	270	0.17
BERRSN	23516	The Berrylands / Berrylands Station	255	0.16
	23518	The Ridings	506	0.31
	R0160	Regent Road	255	0.16
	BP780	Parklands	277	0.17
	23521	Berrylands Road	126	0.08
	BP4929	Howard Road	241	0.15
	11464	Surbiton Telephone Exchange	132	0.08
	27533	St Mark's Church	267	0.17
	27379	Surbiton Station	246	0.15
SURBSNC	23416	Claremont Road / Surbiton Station	155	0.10
	19589	The Crescent	282	0.18
	20503	Maple Road	284	0.18
	4480	Surbiton Road / Penrhyn Road	367	0.23
	27358	Kingston University	204	0.13
	12899	Kingston University / County Hall	156	0.10
	BP285	College Roundabout	188	0.12
	BP490	Brook Street	282	0.18
KINGES	R0699	Eden Street	223	0.14
KINGCB	BP1094	Cromwell Road Bus Station	355	0.22
	BP272	Tiffin School / London Road	414	0.26
	19542	Norbiton Church	210	0.13
	BP1737	London Road	331	0.21
	BP964	Norbiton Station	534	0.33
KINGHP	BP1268	Kingston Hospital	384	0.24
KINGHP S	KINGHP S	KINGSTON HOSPITAL	0	0.00
<b>TOTAL ROUTE MILEAGE - BACK DIRECTION</b>			12158	7.55
			metres	miles