

7. Service Specification

Route: K1

Contract Reference QC41402

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.

Terminus Points	New Malden Station to Kingston, Cromwell Road Bus Station
Contract Basis	Incentivised
Commencement Date	29 th June 2013
Vehicle Type	45 capacity, single door, single deck, minimum 8.9m long
Current Maximum Approved Dimensions	8.8 metres long and 2.4 metres wide
New Vehicles Mandatory	Yes
Hybrid Price Required	No
Sponsored Route	No
Minimum Performance Standard	Departing on Time - No less than 78.00%
Extension Threshold	Departing on Time Threshold - 82.00%
Advertising Rights	Operator
Minimum Operated Mileage Standard	No less than 98.00%

The Date of Tender for this ITT is: No later than 12 Noon on 25th 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. K1.

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:

- Currently, ex Kingston, Cromwell Road Bus Station, first departures on Mondays to Fridays and Saturdays are non standardised. The first departure on Saturdays is retimed by 10 minutes from 0540 to 0530 to rectify this.
- The trip ex Hook, Southborough School is withdrawn on Mondays to Fridays Holidays.
- The Boxing Day service should match the Sunday service.
- **Tenderers must identify the cost of the Boxing Day element of this service separately.**

Hail & ride operation

Hail and ride operation, with buses stopping wherever it is safe to set down and pick up passengers, applies on the following sections of Route No. K1:

(Malden Manor/Tolworth) Amberwood Rise, South Lane, Manor Drive, Southwood Drive, Barnsbury Lane

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

New Malden Station to Kingston, Cromwell Road Bus Station			Kingston, Cromwell Road Bus Station to New Malden Station		
First departure no later than 0525.			First departure no later than 0530.		
0520 - 0545	Every 20 minutes		0525 - 0610	Every 20 minutes	
0546 - 1925	Every 15 minutes		0611 - 1935	Every 15 minutes	
1926 - 2350	Every 20 minutes		1936 - 0015	Every 20 minutes	
Last departure no earlier than 2345.			Last departure no earlier than 0010.		
Pinchpoints					
Surbiton Station, Claremont Road	0730 - 0900	15 minutes	Malden Manor Station	0725 - 0855	15 minutes
	1450 - 1650	15 minutes		1515 - 1715	15 minutes

3.2) MONDAY TO FRIDAY SCHOOLDAYS SCHEDULE REQUIREMENTS

Hook, Southborough School to New Malden Station	
1520	One journey

The journey shown in Section 3.2 is specifically designed to meet the finish time of Southborough School in the Hook area.

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

New Malden Station to Kingston, Cromwell Road Bus Station			Kingston, Cromwell Road Bus Station to New Malden Station		
First departure no later than 0525.			First departure no later than 0530.		
0520 - 0720	Every 30 minutes		0525 - 0730	Every 30 minutes	
0721 - 0920	Every 20 minutes		0731 - 0905	Every 20 minutes	
0921 - 1805	Every 15 minutes		0906 - 1835	Every 15 minutes	
1806 - 2350	Every 20 minutes		1836 - 0015	Every 20 minutes	
Last departure no earlier than 2345.			Last departure no earlier than 0010.		
Pinchpoints					
Surbiton Station, Claremont Road	0930 - 0950	20 minutes	Malden Manor Station	0940 - 1140	15 minutes
	0951 - 1130	15 minutes			

3.3) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

New Malden Station to Kingston, Cromwell Road Bus Station		Kingston, Cromwell Road Bus Station to New Malden Station			
First departure no later than 0640.		First departure no later than 0650.			
0635 - 0810	Every 30 minutes	0645 - 0820	Every 30 minutes		
0811 - 2350	Every 20 minutes	0821 - 0015	Every 20 minutes		
Last departure no earlier than 2345.		Last departure no earlier than 0010.			
Pinchpoints					
Surbiton Station, Claremont Road	1030 - 1130	20 minutes	Malden Manor Station	1030 - 1130	20 minutes

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. K1 should interwork with other bus services where possible.
- 4.2) When compiling schedules Tenderers are asked to consider passengers making connections to other services at the following locations:
New Malden Rail Station, Malden Manor Rail Station & Surbiton Rail Station.
- 4.3) Route No. K1 can suffer unpredictable traffic delays in the Kingston area.
- 4.4) Smaller buses are used on the route due to highway constraints in Malden Manor, Sunray Estate and Warren Drive South.

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 K1: New Malden Station - Kingston, Cromwell Road Bus Station

Date of Structural Change: 29 June 2013.

Date of Service Change: 29 June 2013.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards Kingston, Cromwell Road Bus Station: Station Avenue, Dukes Avenue, New Malden High Street, Fountain Roundabout, Malden Road, Amberwood Rise, South Lane, Sheephouse Way, Manor Drive North, Malden Way, Tolworth Rise South, Southwood Drive, Knollmead, Warren Drive South, Barnsbury Lane, Vincent Avenue, Tolworth Rise South, Tolworth Roundabout, Tolworth Broadway, Ewell Road, Red Lion Road, Thornhill Road, Hook Road, Upper Brighton Road, Brighton Road, Victoria Road, Claremont Road, Maple Road, Beaufort Road, Lingfield Avenue, Grove Lane, Villiers Road, Fairfield South, Orchard Road, Wheatfield Way, College Roundabout, Kingston Hall Road, Kingston High Street, Eden Street, Clarence Street, Cromwell Road.

Towards New Malden Station: Cromwell Road Bus Station, Cromwell Road, Queen Elizabeth Road, Fairfield North, Wheatfield Way, Clarence Street, Eden Street, Kingston High Street, Kingston Hall Road, College Roundabout, Wheatfield Way, Orchard Road, Fairfield South, Villiers Road, Grove Lane, Lingfield Avenue, Beaufort Road, Maple Road, Claremont Road, Victoria Road, Brighton Road, Upper Brighton Road, Hook Road, Thornhill Road, Red Lion Road, Ewell Road, Tolworth Broadway, Tolworth Roundabout, Barnsbury Lane, Warren Drive South, Knollmead, Southwood Drive, Tolworth Rise South, Malden Way, Manor Drive North, Sheephouse Way, South Lane, Amberwood Rise, Malden Road, Fountain Roundabout, New Malden High Street, Dukes Avenue, Station Avenue.

Special Journey from Hook, Southborough School:

operate from Hook Road, then via Ace Of Spades Roundabout, Hook Road to Thornhill Road.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

NEW MALDEN STATION

Public stand for two buses on east side of New Malden High Street, south of the junction with Dukes Avenue.

Buses proceed from Station Avenue direct to stand, departing to Station Avenue. Set down in Station Avenue, at Stop P (BP4479 - New Malden Station #, Last Stop on LOR: BP4479 - New Malden Station #) and pick up in Station Avenue, at Stop P (BP4479 - New Malden Station #, First Stop on LOR: BP4479 - New Malden Station #).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 bus on Route K1 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:	New Malden Station.

MALDEN MANOR STATION (from KINGSTON, CROMWELL ROAD BUS STATION)

Buses proceed from Manor Drive North departing to Manor Drive North. Set down in Manor Drive North (OC676 - Malden Manor Station, Last Stop on LOR: OC456 - Warren Drive South) and pick up in Manor Drive North (OC675 - Malden Manor Station, First Stop on LOR: 18695 - Manor Drive North).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	Turning Point Only - Buses must not stand
BLIND DISPLAY:	Malden Manor Station.

SUNRAY ESTATE, WARREN ROAD SOUTH [WITHDRAWN] (from KINGSTON, CROMWELL ROAD BUS STATION)

Public stand on south side of Warren Drive South.

Buses proceed from Warren Drive South via Elmdene, Southwood Drive, Knollmead and Warren Drive South to stand, departing to Warren Drive South. Set down in Warren Drive South (OC454 - Warren Drive South, Last Stop on LOR: OC456 - Warren Drive South) and pick up in Warren Drive South (OC456 - Warren Drive South, First Stop on LOR: OC454 - Warren Drive South).

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:	Sunray Estate.

TOLWORTH, EWELL ROAD

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

From Kingston, Cromwell Road Bus Station.

Buses proceed from Tolworth Broadway via Tolworth Roundabout, 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).

From New Malden Station.

Buses proceed from Tolworth Rise South via Tolworth Roundabout, Tolworth Rise North and Ewell Road to stand, departing via Ewell Road to Tolworth Broadway. Set down in Tolworth Rise South, at Stop C (4510 - Tolworth Roundabout, Last Stop on LOR: 4510 - Tolworth Roundabout) and pick up in Tolworth Broadway, at Stop F (11739 - Tolworth Broadway, First Stop on LOR: 11739 - Tolworth Broadway).

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.

TOLWORTH, RED LION

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.

From Kingston, Cromwell Road Bus Station.

Buses proceed from Red Lion Road via Ewell Road and King Charles Road Slip Road to stand, departing via King Charles Road Slip Road and King Charles' Road to Ewell Road. Set down in Red Lion Road, at Stop LK (33470 - Tolworth Hospital, Last Stop on LOR: 33470 - Tolworth Hospital) and pick up in Ewell Road, at Stop LN (27708 - King Charles Road, First Stop on LOR: 27708 - King Charles Road).

From New Malden Station.

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 LN (27708 - King Charles Road, Last Stop on LOR: 27708 - King Charles Road) 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.

HOOK, SOUTHBOROUGH SCHOOL

Buses depart from out of service to Hook Road. Pick up in Hook Road, at Stop HC (4516 - Gladstone Road, First Stop on LOR: 4516 - Gladstone Road).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	None.
BLIND DISPLAY:	Hook Junction.
OTHER INFORMATION:	Scheduled special journey only.

SURBITON, CLAREMONT ROAD, EAST SIDE (from KINGSTON, CROMWELL ROAD BUS STATION)

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 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.

KINGSTON, CROMWELL ROAD BUS STATION

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.

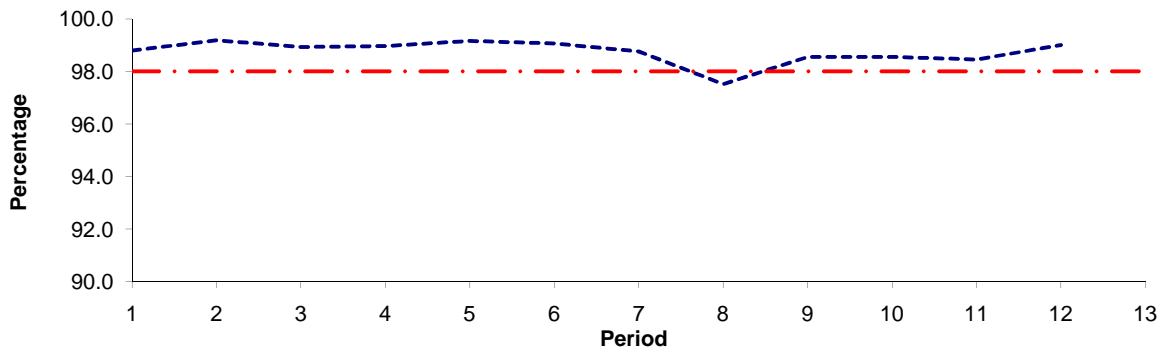
Buses proceed from Cromwell Road via Cromwell Road Bus Station to stand, departing to Cromwell Road Bus Station. Set down in Cromwell Road, at Stop A2 (BP1084 - Cromwell Road Bus Station, Last Stop on LOR: BP1084 - Cromwell Road Bus Station) and pick up in Cromwell Road Bus Station, at Stop A13/A14 (BP1128 - Cromwell Road Bus Station, First Stop on LOR: BP1128 - Cromwell Road Bus Station).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 bus on Route K1 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.

PART B - PERFORMANCE STATISTICS

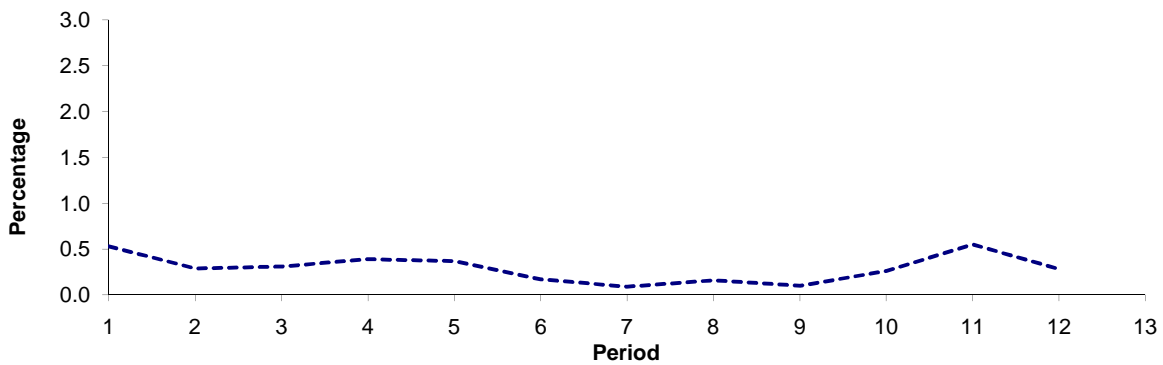
Route K1

Mileage Operated



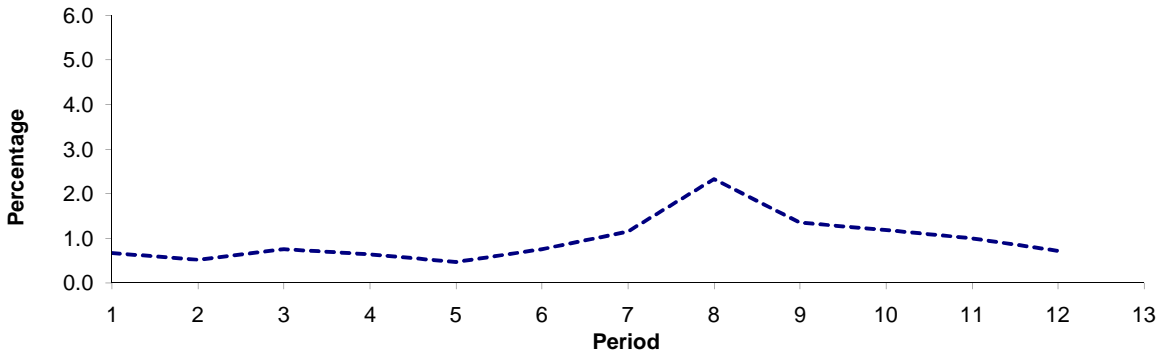
Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2011/2012	98.80	99.19	98.93	98.97	99.16	99.07	98.76	97.51	98.55	98.55	98.45	99.00	
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00

Deductible Mileage



Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2011/2012	0.53	0.29	0.31	0.39	0.37	0.17	0.09	0.16	0.10	0.26	0.55	0.28	

Non Deductible Mileage

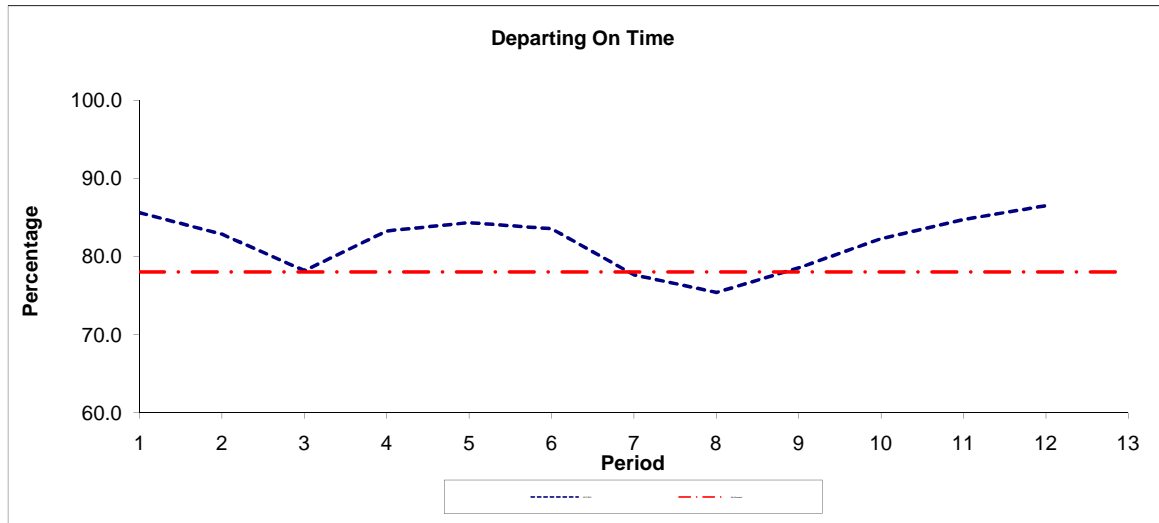


Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2011/2012	0.67	0.52	0.76	0.64	0.47	0.76	1.15	2.33	1.35	1.19	1.00	0.72	

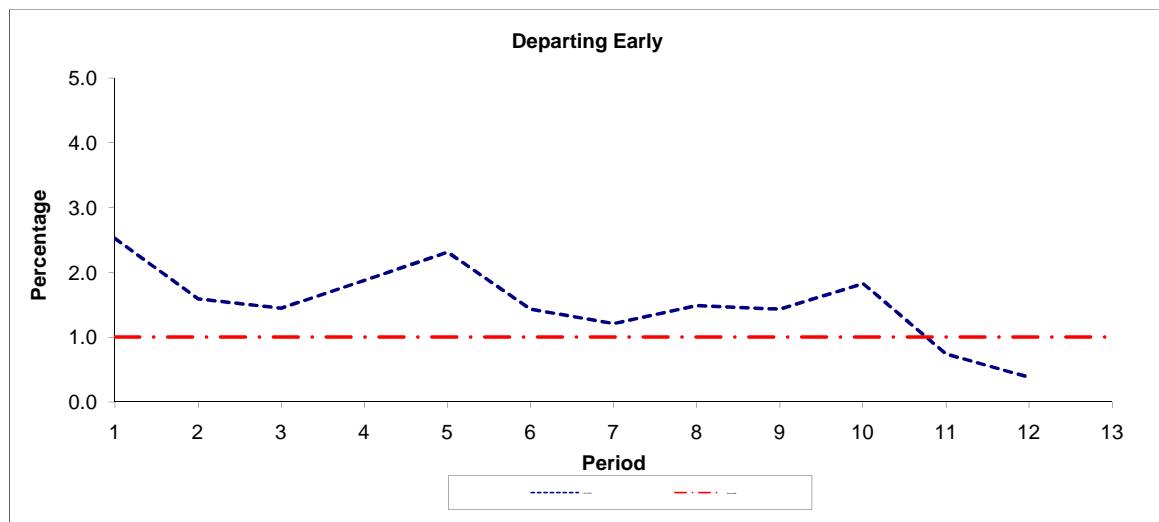
Note : Mileage is based on 4 weeks data

PART B - PERFORMANCE STATISTICS

Route K1



Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2011/2012	85.61	82.86	78.18	83.27	84.33	83.56	77.66	75.40	78.54	82.28	84.73	86.49	78.00
Min Standard	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00



Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2011/2012	2.53	1.59	1.45	1.88	2.31	1.43	1.21	1.49	1.43	1.83	0.74	0.38	1.00
Benchmark	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

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

ROUTE K1 - 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 (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0500 - 0700	16,564.	95.3	99.2	91.4	0.8	0.1	7.7
0700 - 1000	38,860.	100.0	97.9	84.4	2.1	1.8	11.7
1000 - 1300	37,976.	98.3	98.0	79.6	2.0	0.5	17.9
1300 - 1600	37,875.	99.1	97.1	77.2	3.0	1.7	18.1
1600 - 1900	38,590.	98.9	95.2	77.0	5.0	3.4	14.6
1900 - 2200	32,486.	98.1	98.0	86.3	2.1	1.8	9.9
2200 - 2400	19,008.	101.4	98.8	86.3	1.2	0.4	12.1
Summary	221,359.	98.8	97.5	80.9	2.9	1.8	14.4

SATURDAY

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0500 - 0700	2,004.	97.5	99.8	97.5	0.3	0.3	1.9
0700 - 1000	5,912.	99.5	99.2	90.2	0.8	0.3	8.7
1000 - 1300	8,106.	97.9	97.7	80.6	2.4	1.0	16.0
1300 - 1600	7,963.	99.8	97.0	78.4	3.1	1.7	16.8
1600 - 1900	7,825.	99.2	98.2	85.6	1.8	2.0	10.5
1900 - 2200	6,226.	98.8	99.2	86.3	0.8	1.9	11.1
2200 - 2400	4,028.	101.3	99.4	86.3	0.7	1.4	11.7
Summary	42,064.	99.2	98.4	83.6	1.9	1.4	13.0

SUNDAY AND BANK HOLIDAYS

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0500 - 0700	518.	90.5	97.3	92.2	2.9	0.0	5.0
0700 - 1000	5,773.	98.8	98.2	87.4	1.8	0.4	10.4
1000 - 1300	6,855.	98.5	98.0	79.9	2.2	1.0	16.9
1300 - 1600	6,770.	97.1	94.7	70.1	5.8	1.4	22.6
1600 - 1900	6,937.	99.1	97.3	76.4	2.8	1.4	19.3
1900 - 2200	7,040.	100.0	99.5	91.2	0.5	1.5	6.8
2200 - 2400	4,876.	100.2	99.6	87.6	0.4	1.2	10.8
Summary	38,769.	98.8	97.8	79.7	2.8	1.2	16.3

ALL DAYS

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0500 - 0700	19,086.	95.4	99.2	92.1	0.8	0.1	6.9
0700 - 1000	50,545.	99.8	98.1	85.0	2.0	1.6	11.4
1000 - 1300	52,937.	98.2	98.0	79.8	2.1	0.6	17.5
1300 - 1600	52,608.	98.9	96.8	76.6	3.3	1.7	18.4
1600 - 1900	53,352.	98.9	95.9	77.9	4.4	3.0	14.7
1900 - 2200	45,752.	98.5	98.4	86.8	1.7	1.8	9.7
2200 - 2400	27,912.	101.2	99.0	86.5	1.0	0.7	11.9
Summary	302,192.	98.9	97.7	81.1	2.8	1.7	14.4

Transport for London - QSI Points and Mileage

Route K1

Service change

Date

Locations shaded in blue denote QSI points under Full iBus

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
NMALSN S	NMALSN S	NEW MALDEN STATION		
NMALSN	BP4479	New Malden Station	0	0.00
	BP1316	Dukes Avenue	160	0.10
	16731	New Malden High Street	226	0.14
NMALMR	1789	New Malden / The Fountain	278	0.17
	16729	St James' Church / Kingston By-Pass	329	0.20
	18916	Blakes Lane	304	0.19
MALMSN	OC675	Malden Manor Station	2131	1.32
	18695	Manor Drive North	570	0.35
	25117	Southwood Drive	310	0.19
	BP2674	Vincent Avenue	1458	0.91
TOLWTR	4510	Tolworth Roundabout	180	0.11
TOLWBY	28215	Tolworth Broadway	411	0.26
	27573	Princes Avenue	297	0.18
TOLWRL	27708	King Charles Road	242	0.15
	33471	Tolworth Hospital	512	0.32
	BP4916	Thornhill Road	220	0.14
	33473	Douglas Road	221	0.14
HOOKTH	33475	Malvern Road	339	0.21
	R0130	The Maypole	391	0.24
	11350	Langley Avenue	431	0.27
	20671	Mountcombe Close	346	0.21
	15727	Lovelace Gardens	356	0.22
	BP189	Surbiton Sainsburys	171	0.11
	33219	Surbiton Station	301	0.19
SURBSNC	23416	Claremont Road / Surbiton Station	122	0.08
	19589	The Crescent	282	0.18
	15725	Maple Road	328	0.20
	15724	Geneva Road	392	0.24
	14201	Lower Marsh Lane	335	0.21
KINGAP	15721	Athelstan Park	281	0.17
	14197	Dawson Road	299	0.19
	BP499	Avenue Road	425	0.26
	BP1646	Kingston Hall Road	496	0.31
	BP496	Guildhall	307	0.19
KINGES	R0700	Eden Street	420	0.26
KINGCB	BP1084	Cromwell Road Bus Station	375	0.23
KINGCB S	KINGCB S	KINGSTON, CROMWELL ROAD BUS STATION	0	0.00
TOTAL ROUTE MILEAGE - OUT DIRECTION			14246 metres	8.85 miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
KINGCB S	KINGCB S	KINGSTON, CROMWELL ROAD BUS STATION		
KINGCB	BP1128	Cromwell Road Bus Station	0	0.00
KINGES	R0701	Eden Street	937	0.58
	BP488	St James Road	252	0.16
	BP479	Guildhall	138	0.09
	BP618	Kingston Hall Road	280	0.17
	15720	Avenue Road	529	0.33
	14198	Dawson Road	424	0.26
KINGAP	14200	Athelstan Park	339	0.21
	15722	Lower Marsh Lane	333	0.21
	15723	Geneva Road	272	0.17
	R0292	Maple Road	391	0.24
	19590	The Crescent	352	0.22
	27532	Surbiton Station	236	0.15
SURBSNV	1420	Victoria Road / Surbiton Station	139	0.09
	BP379	Surbiton Sainsburys	192	0.12
	15728	Lovelace Gardens	291	0.18
	20672	Mountcombe Close	248	0.15
	BP5157	Langley Road	249	0.15
	11351	Langley Avenue	211	0.13
	15730	Ditton Road	222	0.14
	BP4990	Ash Tree Close	329	0.20
HOOKTH	33474	Malvern Road	294	0.18
	33472	Douglas Road	340	0.21
	BP4917	Red Lion Road	201	0.12
	33470	Tolworth Hospital	294	0.18
TOLWRL	21237	King Charles Road	400	0.25
	BP4867	Princes Avenue	228	0.14
TOLWBY	11739	Tolworth Broadway	369	0.23
TOLWBL	BP4119	Woodland Way	232	0.14
MALMSN	OC676	Malden Manor Station	2530	1.57
	17600	Motspur Park	1808	1.12
	17601	Blakes Lane	247	0.15
	16728	St James' Church / Kingston By-Pass	310	0.19
NMALPSM	1790	New Malden / The Fountain	270	0.17
	16730	New Malden High Street	376	0.23
NMALSN	BP4479	New Malden Station	434	0.27
NMALSN S	NMALSN S	NEW MALDEN STATION	0	0.00
TOTAL ROUTE MILEAGE - BACK DIRECTION			14697 metres	9.13 miles

Transport for London - QSI Points and Mileage

Route K1 Southborough School to New Malden

Service change	20149
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Date 16 October 2009

Locations shaded in blue denote QSI points under Full iBus

BACK DIRECTION					
Timing Point	Code	Stop Number	Stop Name	Metres	Miles
HOOKAS		4516	Gladstone Road		
		4515	Gladstone Road	364	0.23
		11128	Thornhill Road	350	0.22
HOOKTH		33474	Malvern Road	242	0.15
		33472	Douglas Road	340	0.21
		BP4917	Red Lion Road	201	0.12
		33470	Tolworth Hospital	294	0.18
TOLWRL		21237	King Charles Road	400	0.25
		BP4867	Princes Avenue	228	0.14
TOLWBV		11739	Tolworth Broadway	369	0.23
TOLWBL		BP4119	Woodland Way	232	0.14
MALMSN		OC676	Malden Manor Station	2530	1.57
		17600	Motspur Park	1808	1.12
		17601	Blakes Lane	247	0.15
		16728	St James' Church / Kingston By-Pass	310	0.19
		1790	New Malden / The Fountain	270	0.17
NMALPSM		16730	New Malden High Street	376	0.23
		BP4479	New Malden Station	434	0.27
NMALSN S	NMALSN S		NEW MALDEN STATION	0	0.00
TOTAL ROUTE MILEAGE - BACK DIRECTION				8995 metres	5.6 miles