

7. Service Specification

Route: 166

QC42202

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 (1)	Banstead High Street, Marks & Spencer to West Croydon, Bus Station
Terminus Points (2)	Banstead High Street, Marks & Spencer to Epsom General Hospital, Dorking Road
Contract Basis	Incentivised
Commencement Date	31 st August 2013
Vehicle Type	60 capacity, dual door, single deck, minimum 10.8m long, subject to a satisfactory route test.
Current Maximum Approved Dimensions	10.2 metres long and 2.55 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 29th October 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. 166.

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, minimum 10.8m long, subject to a satisfactory route test.
- The Boxing Day service should match the Sunday service.
- **Tenderers must identify the cost of the Boxing Day element of this service separately.**

Requirements for Registration:

The sections of Route No. 166 between Surrey County Boundary at Buckle's Gap Roundabout on Burgh Heath Road / View Tree Bottom Road and Drift Bridge on Reigate Road, and between Drift Bridge on Reigate Road and Fairlawn Road / Croydon Lane Junction, and between Carshalton Road and Sandown Road / Chipstead Valley Road will need to be registered with the Traffic Commissioner for the South Eastern and Metropolitan Traffic Area 56 days before the operation commences. Copies of the registration should be sent to:

The South Eastern and Metropolitan Traffic Area Office
Hillcrest House
386 Harehills Lane
Leeds
LS9 9NF

Copies of the registration should be sent to:

Principal Transport Officer
Surrey County Council
County Hall
Penrhyn Road
Kingston upon Thames
KT1 2DY

and to:

Bus and Coach Licensing Manager,
Consultation Delivery
TfL Surface Planning
11th Floor, Zone G8
Palestra
197 Blackfriars Road
London
SE1 8NJ
e-mail: lsp@tfl.gov.uk

The cost of this and any future variation to this registration are to be met by the Operator.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Banstead High Street, Marks & Spencer to West Croydon, Bus Station		West Croydon, Bus Station to Banstead High Street, Marks & Spencer			
First departure no later than 0550.		First departure no later than 0720.			
0545 - 0730	Every 20 minutes	0540, 0600 & 0640	Three journeys		
0731 - 2155	Every 20 - 40 minutes (2 buses per hour)	0715 - 1900	Every 20 - 40 minutes (2 buses per hour)		
2156 - 0030	Every 30 minutes	1901 - 2000	Every 20 minutes		
		2001 - 0015	Every 30 minutes		
Last departure no earlier than 0025.		Last departure no earlier than 00010.			
Pinchpoints					
South Croydon Bus Garage	0740 - 0900	20 minutes	Coulsdon, Chipstead Valley Road	0740 - 0900	20 minutes
	1510 - 1650	20 minutes		1500 - 1640	20 minutes

3.2) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Epsom General Hospital, Dorking Road to West Croydon, Bus Station		West Croydon, Bus Station to Epsom General Hospital, Dorking Road			
First departure no later than 0725.		First departure no later than 0705.			
0720 - 2030	Every 60 minutes	0620	One journey		
		0700 - 1850	Every 60 minutes		
Last departure no earlier than 2025.		Last departure no earlier than 1845.			
Pinchpoints					
Coulsdon, Chipstead Valley Road	0805 - 1005	60 minutes	Drift Bridge Roundabout	0750 - 0950	60 minutes
	1505 - 1705	60 minutes		1450 - 1650	60 minutes

Journeys operating between Epsom General Hospital, Dorking Road and West Croydon, Bus Station should be timed to fully interwork with journeys between Banstead High Street, Marks & Spencer and West Croydon, Bus Station (ie a joint frequency of every 20 minutes should be provided between Banstead High Street, Marks & Spencer and West Croydon, Bus Station during the stated times). This joint frequency is required in both directions.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS – continued.

3.3) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Banstead High Street, Marks & Spencer to West Croydon, Bus Station		West Croydon, Bus Station to Banstead High Street, Marks & Spencer			
First departure no later than 0550.		First departure no later than 0720.			
0545 - 0745	Every 20 minutes	0540, 0600 & 0640	Three journeys		
0746 - 2045	Every 20 - 40 minutes (2 buses per hour)	0715 - 1900	Every 20 - 40 minutes (2 buses per hour)		
2046 - 0030	Every 30 minutes	1901 - 2000	Every 20 minutes		
		2001 - 0015	Every 30 minutes		
Last departure no earlier than 0025.		Last departure no earlier than 0010.			
Pinchpoints					
South Croydon Bus Garage	0950 - 1110	20 minutes	Coulsdon, Chipstead Valley Road	0920 - 1100	20 minutes

3.4) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Epsom General Hospital, Dorking Road to West Croydon, Bus Station		West Croydon, Bus Station to Epsom General Hospital, Dorking Road			
First departure no later than 0725.		First departure no later than 0705.			
0720 - 2030	Every 60 minutes	0620	One journey		
		0700 - 1855	Every 60 minutes		
Last departure no earlier than 2025.		Last departure no earlier than 1850.			
Pinchpoints					
Coulsdon, Chipstead Valley Road	0905 - 1105	60 minutes	Drift Bridge Roundabout	0950 - 1150	60 minutes

Journeys operating between Epsom General Hospital, Dorking Road and West Croydon, Bus Station should be timed to fully interwork with journeys between Banstead High Street, Marks & Spencer and West Croydon, Bus Station (ie a joint frequency of every 20 minutes should be provided between Banstead High Street, Marks & Spencer and West Croydon, Bus Station during the stated times). This joint frequency is required in both directions.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS – continued.

3.5) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Banstead High Street, Marks & Spencer to West Croydon, Bus Station		West Croydon, Bus Station to Banstead High Street, Marks & Spencer			
First departure no later than 0640.		First departure no later than 0640.			
0635 - 0030	Every 30 minutes	0635 - 0015	Every 30 minutes		
Last departure no earlier than 0025.		Last departure no earlier than 0010.			
Pinchpoints					
South Croydon Bus Garage	1100 - 1200	30 minutes	Coulsdon, Chipstead Valley Road	1050 - 1150	30 minutes

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 166 should interwork with Route No. 405 between Coulsdon, Red Lion and Purley Cross, Tesco on all evenings and Sundays and be separated during other periods.
- 4.2) Route No. 166 should be separated from Route No. 407 between Purley Cross, Tesco and West Croydon, Bus Station on all evenings and Sundays.
- 4.3) Route No. 166 can suffer unpredictable traffic delays in the South Croydon Swan and Sugarloaf area.
- 4.4) The A23 suffers from unpredictable traffic delays, especially during the Monday to Friday peak periods, which can impact upon the reliability of the service between Coulsdon and Croydon;
- 4.5) **Driver changeovers in West Croydon Bus Station are discouraged. Any proposals for driver changeovers at this location must be made clear within Tender bids.**

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 166: Epsom Hospital - West Croydon Bus Station

Date of Structural Change: 31 August 2013.

Date of Service Change: 31 August 2013.

Reason for Issue: {To be specified}.

STREETS TRAVERSED

Towards West Croydon Bus Station: Dorking Road, Woodcote Side, Woodcote Green Road, Woodcote Road, Dorking Road, South Street, High Street, Church Street, Upper High Street, Alexandra Road, College Road, Longdown Lane South, Burgh Heath Road, Yew Tree Bottom Road, Rose Bushes, Reigate Road, Drift Bridge Roundabout (Circumnavigate), Reigate Road, Fir Tree Road, Winkworth Road, Bolters Lane, Banstead High Street, Sutton Lane, Croydon Lane, Carshalton Road, Woodmansterne Street, Chipstead Way, Outwood Lane, Chipstead Valley Road, Midday Sun Link Road, Rectory Lane, Chipstead Valley Road, Brighton Road, Purley Cross, Brighton Road, South End, Croydon High Street, Katharine Street, Park Lane, Wellesley Road, Poplar Walk, St Michael's Road.

Towards Epsom Hospital: West Croydon Bus Station, Station Road, Wellesley Road, Park Lane, Croydon Bus Bridge, Park Street, Croydon High Street, South End, Brighton Road, Purley Cross, Brighton Road, Chipstead Valley Road, Midday Sun Link Road, Rectory Lane, Outwood Lane, Chipstead Way, Woodmansterne Street, Carshalton Road, Croydon Lane, Sutton Lane, Banstead High Street, Bolters Lane, Winkworth Road, Fir Tree Road, Reigate Road, Rose Bushes, Yew Tree Bottom Road, Burgh Heath Road, Longdown Lane South, College Road, Alexandra Road, Upper High Street, Church Street, Epsom High Street, Ashley Road, Ashley Avenue, South Street, Dorking 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.

BANSTEAD HIGH STREET, MARKS & SPENCER (from WEST CROYDON BUS STATION)

Public stand on south side of Banstead High Street, commencing at forward end of bus stop markings outside Post Office and extending 12 metres.

Buses proceed from Banstead High Street direct to stand, departing to Banstead High Street. Set down in Banstead High Street (18608 - Banstead / Marks & Spencer, Last Stop on LOR: 18608 - Banstead / Marks & Spencer) and pick up in Banstead High Street (18607 - Banstead / Marks & Spencer, First Stop on LOR: 18607 - Banstead / Marks & Spencer).

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:	Banstead.

EPSOM GENERAL HOSPITAL, DORKING ROAD (SOUTH SIDE)

Public stand for two buses on south side of Dorking Road, outside the White Horse public house, commencing 5 metres east of junction with Hylands Mews and extending 20 metres east.

Buses proceed from Dorking Road direct to stand, departing to Dorking Road. Set down in Dorking Road, P (BP4899 - Epsom Hospital, Last Stop on LOR: BP4899 - Epsom Hospital) and pick up in Dorking Road, Q (BP4900 - Dorking Road / White Horse, First Stop on LOR: BP4900 - Dorking Road / White Horse).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 bus on Route 166 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:	Epsom Hospital.

CHIPSTEAD VALLEY, MIDDAY SUN

Public stand for one bus in service road between Chipstead Valley Road and Rectory Lane.

From Epsom Hospital.

Buses proceed from Midday Sun Link Road direct to stand, departing to Midday Sun Link Road. Set down in Midday Sun Link Road (27856 - Chipstead Valley / Rectory Lane, Last Stop on LOR: 27856 - Chipstead Valley / Rectory Lane) and pick up in Midday Sun Link Road (27856 - Chipstead Valley / Rectory Lane, First Stop on LOR: 27856 - Chipstead Valley / Rectory Lane).

From West Croydon Bus Station.

Buses proceed from Midday Sun Link Road direct to stand, departing to Midday Sun Link Road. Set down in Midday Sun Link Road (27856 - Chipstead Valley / Rectory Lane, Last Stop on LOR: 27856 - Chipstead Valley / Rectory Lane) and pick up in Midday Sun Link Road (27856 - Chipstead Valley / Rectory Lane, First Stop on LOR: 27856 - Chipstead Valley / Rectory Lane).

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:	Chipstead Valley.

COULSDON, BRIGHTON ROAD, LION GREEN ROAD (from Epsom Hospital)

Public stand for one bus on west side of Brighton Road, commencing at a point 60 metres north of the centre of Lion Green Road and extending 12 metres north.

Buses proceed from Chipstead Valley Road via Lion Green Road and Brighton Road to stand, departing via Brighton Road to Chipstead Valley Road. Set down in Chipstead Valley Road (15807 - Portnalls Road, Last Stop on LOR: 15807 - Portnalls Road) and pick up in Chipstead Valley Road, at Stop H (11753 - Chipstead Valley Road / Brighton Road, First Stop on LOR: 11753 - Chipstead Valley Road / Brighton Road).

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:	Coulsdon.

PURLEY CROSS, BRIGHTON ROAD / HIGH STREET (from WEST CROYDON BUS STATION)

Public stand for five buses in bay on east side of Brighton Road, south of Whytecliffe Road South, commencing in line with the party wall of 8/9 The Parade (9 metres north of the slip road to High Street Purley) and extending 61 metres north east.

Buses proceed from Brighton Road direct to stand, departing via Brighton Road and Purley Cross to Brighton Road. Set down in Brighton Road, at Stop G (10824 - Purley / Downlands Precinct, Last Stop on LOR: 10824 - Purley / Downlands Precinct) and pick up in Brighton Road, at Stop D (4396 - Purley / Downlands Precinct, First Stop on LOR: 4396 - Purley / Downlands Precinct).

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: Purley.

CROYDON, KATHARINE STREET (from Epsom Hospital)

Buses proceed from Katharine Street via St George's Walk departing to Park Street. Set down in Katharine Street, at Stop KK (BP1548 - Croydon Library, Last Stop on LOR: BP1548 - Croydon Library) and pick up in Park Street, at Stop KH (BP1586 - Park Street, First Stop on LOR: BP1586 - Park Street).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**
BLIND DISPLAY: Croydon Town Centre.

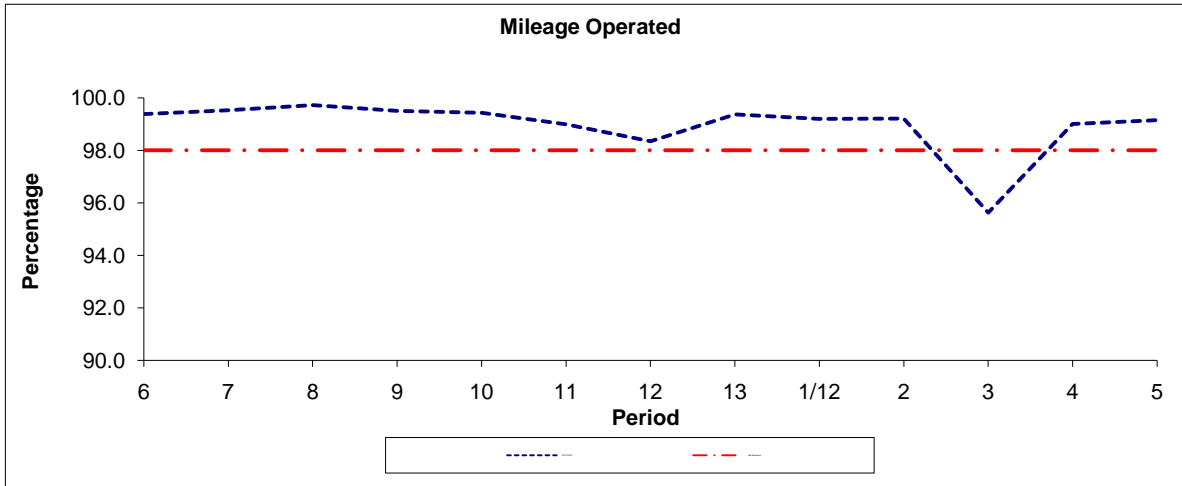
WEST CROYDON BUS STATION

Private stand for 14 buses in West Croydon Bus Station on east side of Station Road. Buses proceed from St Michael's Road via West Croydon Bus Station to stand, departing via West Croydon Bus Station and Station Road to West Croydon Bus Station. Set down in St Michael's Road, at Stop B8 (BP2300 - West Croydon Bus Station, Last Stop on LOR: BP2300 - West Croydon Bus Station) and pick up in West Croydon Bus Station, at Stop B7 (R0855 - West Croydon Bus Station, First Stop on LOR: R0855 - West Croydon Bus Station).

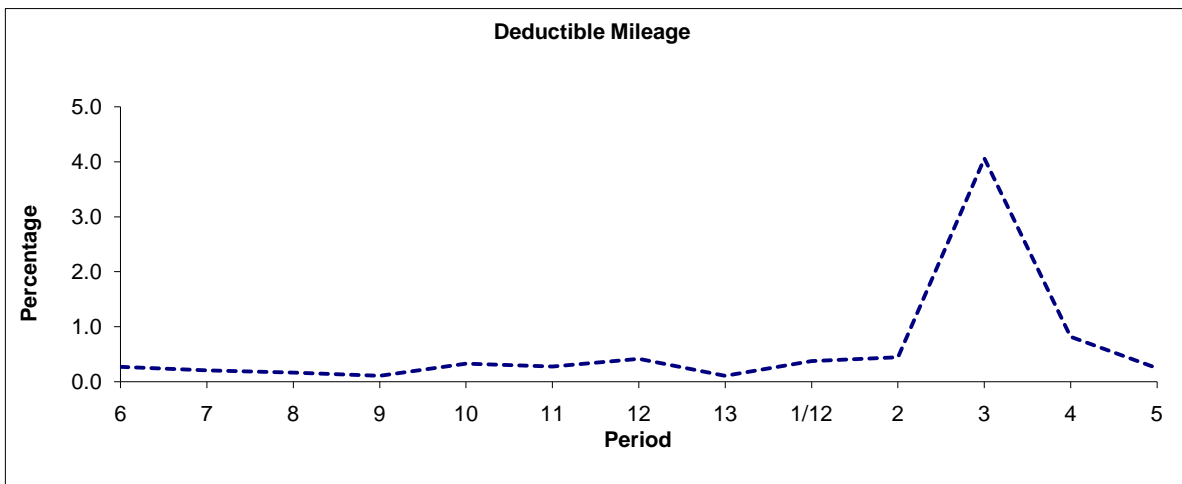
AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 1 buses on Route 166 should be scheduled to stand at any one time.
MEAL RELIEFS: No meal relief vehicles to stand at any time.
FERRY VEHICLES: No ferry vehicles to park on stand at any time.
BLIND DISPLAY: West Croydon.
OTHER INFORMATION: London Buses toilet facilities available 24 hours a day. All buses must be fitted with audible reversing devices. This location should not be used for crew changeovers unless prior agreement is received from the Corporation.

PART B - PERFORMANCE STATISTICS

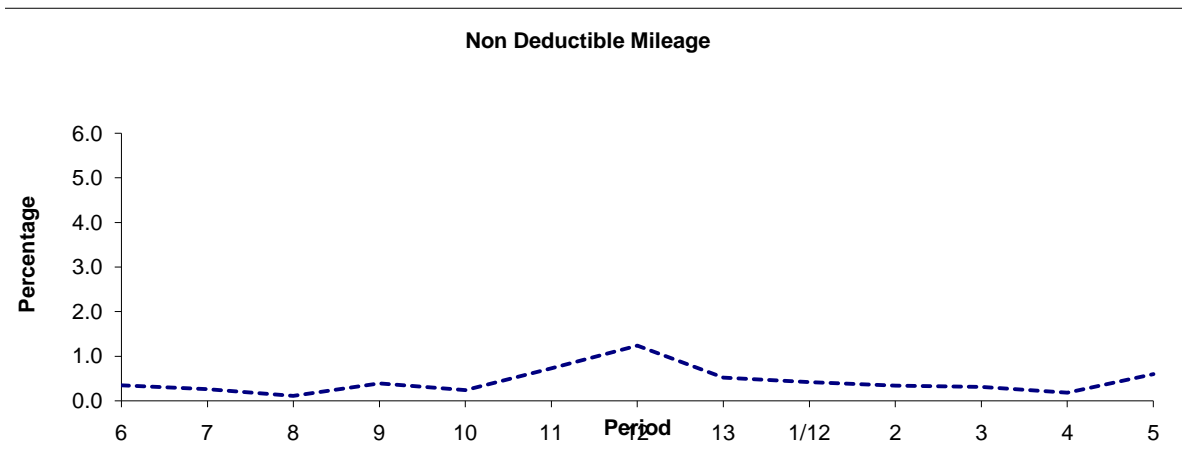
Route 166



Period	6	7	8	9	10	11	12	13	1/12	2	3	4	5
2011/2012	99.38	99.53	99.72	99.50	99.43	98.99	98.34	99.37	99.20	99.21	95.63	99.00	99.15
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



Period	6	7	8	9	10	11	12	13	1/12	2	3	4	5
2011/2012	0.27	0.21	0.17	0.11	0.33	0.28	0.42	0.11	0.38	0.45	4.06	0.82	0.25

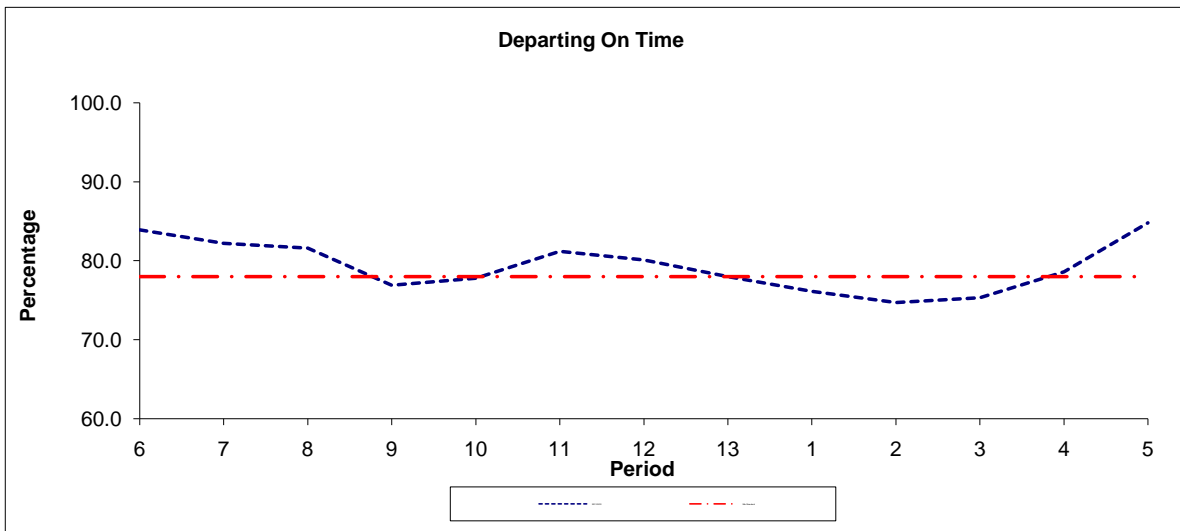


Period	6	7	8	9	10	11	12	13	1/12	2	3	4	5
2011/2012	0.35	0.26	0.11	0.39	0.24	0.73	1.24	0.52	0.42	0.34	0.31	0.18	0.60

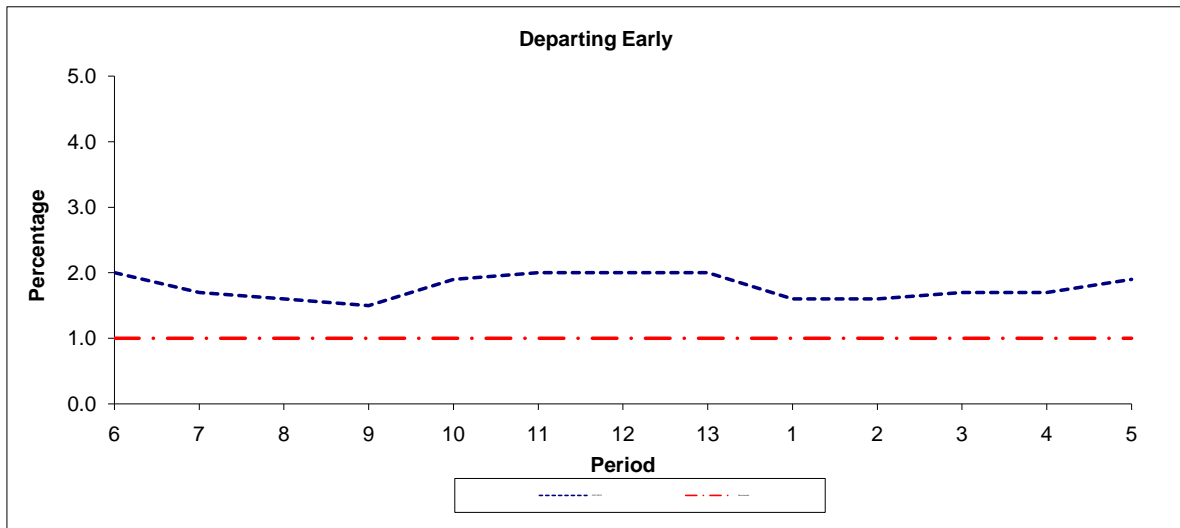
Note : Mileage is based on 4 weeks data
Performance affected by industrial action in p3 2012/13.

PART B - PERFORMANCE STATISTICS

Route 166



Period	6	7	8	9	10	11	12	13	1	2	3	4	5
2011/2012	83.9	82.2	81.6	76.9	77.8	81.2	80.1	78.0	76.1	74.7	75.3	78.6	84.8
Min Standard	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0



Period	6	7	8	9	10	11	12	13	1	2	3	4	5
2011/2012	2.0	1.7	1.6	1.5	1.9	2.0	2.0	2.0	1.6	1.6	1.7	1.7	1.9
Benchmark	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

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

ROUTE 166 - FULL iBUS RESULTS BY TIME OF DAY
QUARTERS 2 11/12 to 1 12/13 (25/06/11 - 22/06/12)

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	12,347.	97.1	99.0	89.7	1.0	0.3	9.1
0700 - 1000	41,766.	99.5	96.1	71.2	4.2	1.3	23.3
1000 - 1300	39,483.	99.5	98.7	82.3	1.3	1.3	15.0
1300 - 1600	40,085.	99.1	98.2	78.1	1.8	1.4	18.6
1600 - 1900	39,724.	99.7	97.2	75.5	2.9	1.6	19.9
1900 - 2200	33,062.	101.5	98.3	83.3	1.8	1.6	13.3
2200 - 2400	15,353.	98.1	99.3	84.7	0.7	4.3	10.3
Summary	221,820.	99.5	97.9	78.0	2.4	1.5	18.1

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	2,673.	96.6	98.9	91.7	1.1	0.9	6.3
0700 - 1000	8,403.	100.7	99.2	89.7	0.7	4.2	5.4
1000 - 1300	8,278.	98.1	98.3	78.7	1.7	1.0	18.5
1300 - 1600	8,196.	101.4	97.9	74.2	2.2	1.6	22.0
1600 - 1900	8,391.	99.7	98.8	85.7	1.3	1.7	11.4
1900 - 2200	7,097.	99.6	98.5	86.8	1.5	1.8	9.9
2200 - 2400	3,232.	96.7	98.1	75.9	2.0	3.6	18.4
Summary	46,270.	99.5	98.5	81.5	1.6	1.9	15.0

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	584.	85.1	97.6	90.7	2.4	0.2	6.7
0700 - 1000	5,600.	101.4	99.7	88.5	0.3	2.2	8.9
1000 - 1300	5,323.	99.8	99.1	90.2	0.9	3.9	5.0
1300 - 1600	5,308.	100.2	99.0	89.8	1.0	2.9	6.3
1600 - 1900	5,297.	100.9	99.5	91.8	0.5	4.5	3.1
1900 - 2200	5,367.	98.8	99.3	91.1	0.6	4.0	4.2
2200 - 2400	3,452.	99.5	99.9	89.6	0.2	4.6	5.7
Summary	30,931.	99.8	99.4	90.4	0.7	3.7	5.2

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	15,604.	96.5	98.9	89.9	1.1	0.4	8.7
0700 - 1000	55,769.	99.9	96.9	73.6	3.7	1.6	21.1
1000 - 1300	53,084.	99.3	98.7	82.6	1.3	1.6	14.4
1300 - 1600	53,589.	99.5	98.3	78.8	1.8	1.6	17.8
1600 - 1900	53,412.	99.8	97.6	78.2	2.5	1.9	17.4
1900 - 2200	45,526.	100.9	98.5	84.6	1.6	1.9	11.8
2200 - 2400	22,037.	98.1	99.2	84.2	0.8	4.2	10.7
Summary	299,021.	99.6	98.1	79.6	2.2	1.8	16.5

Transport for London - Mileage and QSI Points

Route 166 Epsom
 Service change 23346
 Date 5 November 2009

Reason for Issue	Tranche 422
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Locations shaded in blue denote QSI points under Full iBus

OUT DIRECTION					BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles	Timing Point Code	Stop Number	Stop Name	Metres	Miles
EPSMHP S	EPSMHP S	EPSOM GENERAL HOSPITAL (SOUTH SIDE)			WCROBS S	WCROBS S	WEST CROYDON BUS STATION		
EPSMHP	BP4900	Dorking Road / White Horse	0	0.00	WCROBS	R0855	West Croydon Bus Station	0	0.00
	BP4902	Westlands Court	256	0.16		34317	Whitgift Centre	457	0.28
	BP4973	Woodcote Side	641	0.40		BP1586	Park Street	569	0.35
	BP4903	Hylands Road	308	0.19	CROYHF	2378	Croydon Flyover	304	0.19
	BP4905	Woodcote Green Road	261	0.16		10829	Coombe Road	333	0.21
	BP4907	Avenue Road	503	0.31		25870	Aberdeen Road	258	0.16
EPSMCT	OC58	Epsom Clock Tower	674	0.42	SCROSS	17851	Swan & Sugar Loaf	324	0.20
	OC59	Epsom High Street	285	0.18		20916	Upland Road	332	0.21
	BP3123	Church Street	262	0.16		1391	Haling Park Road	348	0.22
	BP3124	Pikes Hill	243	0.15	TC GR	816	South Croydon Bus Garage	342	0.21
	BP3125	Bridge Road	378	0.23		4423	Sanderstead Road	226	0.14
	BP3126	Danehurst Court	244	0.15		10820	Purley Oaks Station	259	0.16
	BP3127	Longdown Road	285	0.18		3428	Biddulph Road	467	0.29
EPSMCO	BP3128	Longdown Lodge	199	0.12		25875	Purley Downs Road	362	0.22
	BP3129	Epsom College	358	0.22		12082	Montpelier Road	344	0.21
	OC814	Epsom Golf Club	391	0.24	PYXRBR	10824	Purley Downlands Precinct	472	0.29
	BP3130	Bunbury Way	419	0.26		14631	Purley Tesco	454	0.28
YTBRRB	BP3147	Rose Bushes	939	0.58		12429	Grovelands Road	345	0.21
	BP3131	Reigate Road / Nork Way	282	0.18		12868	Brighton Road/Old Lodge Lane	291	0.18
DBDERA	BP3161	Reigate Road / College Road	1031	0.64		33682	West Dean School	302	0.19
	BP3133	High Beeches	419	0.26		4385	Smitham Downs Road	295	0.18
	BP3134	Sycamore Rise	321	0.20		15805	Willow Court	460	0.29
	BP3135	Fir Tree Road / Nork Way	620	0.39		12432	The Avenue / Smitham Station	333	0.21
	BP3158	Brighton Road	387	0.24	CSDNCV	11753	Chipstead Valley Road / Brighton Road	256	0.16
	BP3136	Castleton Drive	393	0.24		20688	Portnalls Road	316	0.20
BANSHS	18607	Banstead / Marks & Spencer	434	0.27		15808	Coniston Road	321	0.20
	18847	Glenfield Road	303	0.19		15810	Rickman Hill	299	0.19
	18605	Banstead / The Woolpack	337	0.21		15812	Woodmansterne Station	225	0.14
	BP4478	Croydon Lane South	459	0.29		15814	Chipstead Valley School	370	0.23
	BP4493	Fairlawn Grove	1036	0.64	CHVYRL	27856	Chipstead Valley/ Rectory Lane	398	0.25
	BP4610	Merrymeet	1931	1.20		BP3291	Pine Walk	490	0.30
WDMSSP	BP4156	Saint Peter's Church	350	0.22		BP3818	Manor Way	541	0.34
	BP3138	The Readens	489	0.30	WDMSSP	BP3140	Saint Peter's Church	829	0.52
	BP3139	Manor Way	288	0.18		BP4611	Merrymeet	281	0.17
	BP3812	Pine Walk	477	0.30		BP4492	Fairlawn Grove	1915	1.19
CHVYRL	27856	Chipstead Valley/ Rectory Lane	578	0.36		BP4491	Croydon Lane South	1035	0.64
	15815	Chipstead Valley School	540	0.34		18606	Banstead / The Woolpack	507	0.32
	BP825	Woodmansterne Station	358	0.22		18848	Glenfield Road	206	0.13
	15813	Vincent Road	257	0.16	BANSHS	18608	Banstead / Marks & Spencer	334	0.21
	15809	Coniston Road	291	0.18		BP3141	Castleton Drive	471	0.29
CSDNCV	15807	Portnalls Road	305	0.19		BP3142	Brighton Road	548	0.34
	4404	Smitham Station	418	0.26		BP3159	Fir Tree Road / Nork Way	338	0.21
	27591	The Avenue / Smitham Station	172	0.11		BP3143	Poplar Drive	340	0.21
	15806	Willow Court	367	0.23		BP3160	Sycamore Rise	280	0.17
	15002	Smitham Downs Road	324	0.20		BP3144	High Beeches	273	0.17
	2869	Brighton Road/Old Lodge Lane	469	0.29	DBDERA	BP3145	Drift Bridge	306	0.19
	12430	Grovelands Road	306	0.19		BP3146	Reigate Road / Nork Way	636	0.40
	4391	Purley Tesco	518	0.32	YTBRRB	OC815	Rose Bushes	301	0.19
PYXRBR	4396	Purley Downlands Precinct	310	0.19		BP3149	Bunbury Way	988	0.61
	10825	Christchurch Road / Purley Hospital	253	0.16		BP3150	Epsom Golf Club	401	0.25
	12083	Montpelier Road	399	0.25		BP3151	Epsom College	638	0.40
	3427	Purley Downs Road	249	0.15	EPSMCO	BP3152	Longdown Lodge	119	0.07
	BP1281	Biddulph Road	398	0.25		BP3153	Longdown Road	183	0.11
	10821	Purley Oaks Station	202	0.13		BP3154	Danehurst Court	329	0.20
	815	Sanderstead Road	479	0.30		BP3155	Bridge Road	143	0.09
TC GR	9791	South Croydon Bus Garage	310	0.19		BP3156	Pikes Hill	416	0.26
	1390	Haling Park Road	356	0.22		BP3231	Church Street	202	0.13
	15116	Upland Road	231	0.14	EPSMHS	OC49	Epsom High Street	336	0.21
SCROSS	R0487	Swan & Sugar Loaf	275	0.17		OC61	Ashley Road	241	0.15
	10828	Coombe Road	448	0.28		BP4897	Elmslie Close	781	0.49
	15115	Croydon Flyover	356	0.22	EPSMHP	BP4899	Epsom General Hospital	148	0.09
CROYKS	BP1548	Croydon Library	319	0.20	EPSMHP S	EPSOM GENERAL HOSPITAL (SOUTH SIDE)	0	0.00	
	17630	Fairfield Halls	276	0.17					
	SL30	Whitgift Centre	369	0.23					
WCROBS	BP2300	West Croydon Bus Station	332	0.21					
WCROBS S	WEST CROYDON BUS STATION		0	0.00					
TOTAL ROUTE MILEAGE - OUT DIRECTION			26668 metres	16.57 miles	TOTAL ROUTE MILEAGE - BACK DIRECTION			24618 metres	15.30 miles