

7. Service Specification

Route: 34

QC45901

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	Barnet High Street, Barnet Church and Walthamstow Central Station
Contract Basis	Incentivised
Commencement Date	8 th November 2014
Vehicle Type	87 capacity, dual door, double deck buses, 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	Yes
Sponsored Route	No
Advertising Rights	Operator
Minimum Performance Standard	Average Excess Wait Time - No more than 1.00 minutes
Extension Threshold	Average Excess Wait Time Threshold - 0.85 minutes
Minimum Operated Mileage Standard	No less than 98.00%

The Date of Tender for this ITT is: No later than 12 Noon on Monday 13th January 2014

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, the Corporation expects to implement a change to the existing service prior to the commencement of the new Route Agreement for Route No. 34.

- Ex Barnet High Street, Barnet Church, the 6 minute frequency on Mondays to Fridays is extended to operate between 1445 and 1530 on Mondays to Fridays **Schooldays only.**
- The **existing** increased Mondays to Fridays peak flow frequencies are withdrawn on Mondays to Fridays **Non Schooldays.**

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:

- 87 capacity, dual door, double deck buses are specified, subject to a satisfactory route test.

Operators should provide the following prices:

1. **Annual diesel price - based on minimum 5 year contract.**
2. **Annual hybrid price - based on minimum 5 year contract.**
3. **Annual hybrid price - with upfront payment of capital difference between diesel and hybrid for 5 year contract.**

All tender prices should be based on the gross fuel cost exclusive of BSOG payments which will not be claimable from DfT after 1st October 2013.

It is anticipated that Cashless Boarding will be extended throughout London at some stage during the lifetime of this contract. Tenderers are required to identify and submit the level of saving that could be achieved if the scheme is introduced.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHOOLDAYS SCHEDULE REQUIREMENTS & PINCHPOINTS

Barnet High Street, Barnet Church to Walthamstow Central Station			Walthamstow Central Station to Barnet High Street, Barnet Church		
First departure no later than 0425.			First departure no later than 0440.		
0420 - 0525	Every 15 minutes		0435 - 0540	Every 15 minutes	
0526 - 0605	Every 10 minutes		0541 - 0600	Every 10 minutes	
0606 - 1445	Every 8 minutes		0601 - 0710	Every 8 minutes	
1446 - 1530	Every 6 minutes		0711 - 0810	Every 7 minutes	
1531 - 1920	Every 8 minutes		0811 - 1900	Every 8 minutes	
1921 - 2020	Every 10 minutes		1901 - 2000	Every 10 minutes	
2021 - 0050	Every 12 minutes		2001 - 0105	Every 12 minutes	
Last departure no earlier than 0045.			Last departure no earlier than 0100.		
Pinchpoints					
Edmonton, Angel Road, Eley Road Eastbound	0700 - 0900	8 minutes	Arnos Grove Station	0700 - 0750	8 minutes
	1505 - 1535	8 minutes		0751 - 0850	7 minutes
	1536 - 1620	6 minutes		0851 - 0900	8 minutes
	1621 - 1630	8 minutes		1500 - 1630	8 minutes

3.2) MONDAY TO FRIDAY NON SCHOOLDAYS SCHEDULE REQUIREMENTS & PINCHPOINTS

Barnet High Street, Barnet Church to Walthamstow Central Station			Walthamstow Central Station to Barnet High Street, Barnet Church		
First departure no later than 0425.			First departure no later than 0440.		
0420 - 0525	Every 15 minutes		0435 - 0540	Every 15 minutes	
0526 - 0605	Every 10 minutes		0541 - 0600	Every 10 minutes	
0606 - 1920	Every 8 minutes		0601 - 1900	Every 8 minutes	
1921 - 2020	Every 10 minutes		1901 - 2000	Every 10 minutes	
2021 - 0050	Every 12 minutes		2001 - 0105	Every 12 minutes	
Last departure no earlier than 0045.			Last departure no earlier than 0100.		
Pinchpoints					
Edmonton, Angel Road, Eley Road Eastbound	0700 - 0900	8 minutes	Arnos Grove Station	0700 - 0900	8 minutes
	1505 - 1630	8 minutes		1500 - 1630	8 minutes

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

3.3) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Barnet High Street, Barnet Church to Walthamstow Central Station			Walthamstow Central Station to Barnet High Street, Barnet Church		
First departure no later than 0425.			First departure no later than 0440.		
0420 - 0525	Every 15 minutes		0435 - 0635	Every 15 minutes	
0526 - 0835	Every 12 minutes		0636 - 0810	Every 12 minutes	
0836 - 0905	Every 10 minutes		0811 - 0840	Every 10 minutes	
0906 - 1820	Every 8 minutes		0841 - 1810	Every 8 minutes	
1821 - 1920	Every 10 minutes		1811 - 1910	Every 10 minutes	
1921 - 0050	Every 12 minutes		1911 - 0105	Every 12 minutes	
Last departure no earlier than 0045.			Last departure no earlier than 0100.		
Pinchpoints					
Edmonton, Angel Road, Eley Road Eastbound	0940 - 1055	8 minutes	Arnos Grove Station	0915 - 1105	8 minutes

3.4) SUNDAY AND PUBLIC HOLIDAYS (EXCEPT GOOD FRIDAY AND CHRISTMAS DAY) SCHEDULE REQUIREMENTS & PINCHPOINTS

Barnet High Street, Barnet Church to Walthamstow Central Station			Walthamstow Central Station to Barnet High Street, Barnet Church		
First departure no later than 0540.			First departure no later than 0540.		
0535 - 0840	Every 15 minutes		0535 - 0910	Every 15 minutes	
0841 - 0050	Every 12 minutes		0911 - 0105	Every 12 minutes	
Last departure no earlier than 0045.			Last departure no earlier than 0100.		
Pinchpoints					
Edmonton, Angel Road, Eley Road Eastbound	1000 - 1135	12 minutes	Arnos Grove Station	1010 - 1135	12 minutes

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 34 should interwork with Route No. 263 between Whetstone Griffin and Barnet High Street, Barnet Church during evenings and Sundays and be best separated during all other periods.
- 4.2) Route No. 34 should interwork with Route No. 102 between Palmers Green, North Circular Road/Green Lanes and Upper Edmonton, Angel Corner, Stirling Way during all periods.
- 4.3) Route No. 34 can suffer from unpredictable traffic delays in the North Circular Road and Cambridge roundabout areas.
- 4.4) Route No. 34 can suffer from major disruption in the Edmonton area during home matches of Tottenham Hotspur football club.

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 34: Barnet High Street, Barnet Church - Walthamstow Central Station

Date of Structural Change: 8 November 2014.

Date of Service Change: 8 November 2014.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards Walthamstow Central Station: Barnet High Street, Barnet Hill, Great North Road, Whetstone High Road, Oakleigh Road North, Brunswick Avenue, Oakleigh Road South, Betstyle Circus, Bowes Road, Arnos Grove Station Forecourt, Bowes Road, North Circular Road, North Circular Road Slip Road, Cambridge Roundabout, North Circular Road Slip Road, Silver Street, Sterling Way (North Circular Road), Sterling Way, Angel Road, Hall Lane Slip Road, Cooks Ferry Roundabout, Hall Lane Slip Road, Southend Road (North Circular Road), Southend Road Slip Road, Crooked Billet Roundabout, Chingford Road, Hoe Street, Selborne Road, Walthamstow Central Bus Station.

Towards Barnet High Street, Barnet Church: Walthamstow Central Bus Station, Selborne Road, Hoe Street, Chingford Road, Crooked Billet Roundabout, Southend Road (North Circular Road), Hall Lane Slip Road, Cooks Ferry Roundabout, Hall Lane Slip Road, Angel Road, Sterling Way, Sterling Way (North Circular Road), Silver Street, Westway, Sterling Way (North Circular Road), Cambridge Roundabout, North Circular Road Slip Road, North Circular Road, Bowes Road, Betstyle Circus, Oakleigh Road South, Brunswick Avenue, Oakleigh Road North, Whetstone High Road, Great North Road, Barnet Hill, Barnet High Street.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

BARNET, HIGH STREET

Public stand for 3 buses on west side of Barnet High Street commencing 15 metres south of Fitzjohn Avenue and extending 36.2 metres south.

Buses proceed from Barnet High Street direct to stand, departing via Barnet High Street, Wood Street and Wood Street Slip Road to Barnet High Street. Set down in Barnet High Street, at Stop M (9926 - Fitzjohn Avenue, Last Stop on LOR: 9926 - Fitzjohn Avenue) and pick up in Barnet High Street, at Stop G (4127 - Barnet High Street / Barnet Church, First Stop on LOR: 4127 - Barnet High Street / Barnet Church).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 3 buses on Route 34 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:	Barnet Church.
OTHER INFORMATION:	No toilet facilities available.

TOTTERIDGE & WHETSTONE STATION (from WALTHAMSTOW CENTRAL STATION)

Private stand for 1 bus in Allum Way on east side of marked turning circle at entrance to main car park area of Totteridge & Whetstone Station.

Buses proceed from Oakleigh Road North via Whetstone High Road, Totteridge Lane, Allum Way and Totteridge Station Car Park to stand, departing via Totteridge Station Car Park, Allum Way, Totteridge Lane and Whetstone High Road to Oakleigh Road North. Set down in Oakleigh Road North, at Stop D (14722 - Whetstone / The Griffin, Last Stop on LOR: 14722 - Whetstone / The Griffin) and pick up in Oakleigh Road North, at Stop C (14721 - Whetstone / The Griffin, First Stop on LOR: 14721 - Whetstone / The Griffin).

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:	Whetstone.

NEW SOUTHGATE, BEACONSFIELD ROAD (from WALTHAMSTOW CENTRAL STATION)

Public stand for two buses in buses only section of the service road on east side of Beaconsfield Road in buses only section of the service road opposite Parkwood. Buses proceed from Brunswick Avenue via Beaconsfield Road to stand, departing via Beaconsfield Road to Brunswick Avenue. Set down in Brunswick Avenue, at Stop BJ (12913 - Beaconsfield Road, Last Stop on LOR: 12913 - Beaconsfield Road) and pick up in Brunswick Avenue, at Stop BF (12914 - Beaconsfield Road, First Stop on LOR: 12914 - Beaconsfield 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: New Southgate.

ARNOS GROVE STATION

Private offside stand for 3 buses on Arnos Grove Station forecourt on north side of Bowes Road commencing 22 metres west of lamp standard No. 16 and extending 31.5 metres west.

From Barnet High Street, Barnet Church.

Buses proceed from Arnos Grove Station Forecourt direct to stand, departing via Arnos Grove Station Forecourt to Bowes Road. Set down in Arnos Grove Station Forecourt, at Stop U (36805 - Arnos Grove Station <>, Last Stop on LOR: BP113 - Betstyle Road) and pick up in Bowes Road, at Stop C (BP4848 - Ravenscraig Road, First Stop on LOR: BP4848 - Ravenscraig Road).

From Walthamstow Central Station.

Buses proceed from Bowes Road via Arnos Grove Station Forecourt to stand, departing via Arnos Grove Station Forecourt to Bowes Road. Set down in Bowes Road, at Stop A (BP4890 - Arnos Grove Station <>, Last Stop on LOR: BP4890 - Arnos Grove Station <>) and pick up in Bowes Road, at Stop GP (15427 - Telford Road, First Stop on LOR: 15427 - Telford 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: Arnos Grove.

EDMONTON, CAMBRIDGE

Public stand for two buses in bay on north side of Silver Street between Cambridge roundabout and Westway slip road, commencing 5 metres west of the western flank wall of No 285 Silver Street and extending 25 metres west.

From Barnet High Street, Barnet Church.

Buses proceed from Silver Street direct to stand, departing via Sterling Way (North Circular Road) and Westway to Silver Street. Set down in Silver Street, at Stop EC (14128 - Cambridge Roundabout / Kendal Gardens, Last Stop on LOR: 14128 - Cambridge Roundabout / Kendal Gardens) and pick up in Sterling Way (north Circular Road), at Stop WT (14129 - Great Cambridge Road, First Stop on LOR: 14129 - Great Cambridge Road).

From Walthamstow Central Station.

Buses proceed from Sterling Way (North Circular Road) via Cambridge Roundabout, North Circular Road Slip Road and Silver Street to stand, departing to Silver Street. Set down in Sterling Way (north Circular Road), at Stop WT (14129 - Great Cambridge Road, Last Stop on LOR: 14129 - Great Cambridge Road) and pick up in Silver Street, at Stop ED (14109 - North Middlesex Hospital, First Stop on LOR: 14109 - North Middlesex Hospital).

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:	Edmonton, Cambridge Roundabout.

EDMONTON, STERLING WAY (from Barnet High Street, Barnet Church)

Public stand in bay on south side of Sterling Way, commencing 108 metres west of Bull Lane, extending 33 metres west.

Buses proceed from Silver Street via Sterling Way (North Circular Road), Sterling Way and Sterling Way (North Circular Road) to stand, departing to Sterling Way (North Circular Road). Set down in Silver Street, at Stop M (922 - Pymmes Park, Last Stop on LOR: 922 - Pymmes Park) and pick up in Sterling Way (north Circular Road), at Stop WT (14129 - Great Cambridge Road, First Stop on LOR: 14129 - Great Cambridge 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:	North Middlesex Hospital.

EDMONTON, ANGEL (from WALTHAMSTOW CENTRAL STATION)

Buses proceed from Angel Road via Fore Street departing to Angel Road. Set down in Angel Road, at Stop C (1696 - Angel Corner, Last Stop on LOR: 1696 - Angel Corner) and pick up in Angel Road, at Stop F (1695 - Angel Corner, First Stop on LOR: 1695 - Angel Corner).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**
BLIND DISPLAY: Edmonton, Angel.

ANGEL ROAD, ELEYS ESTATE (from Barnet High Street, Barnet Church)

Buses proceed from Hall Lane Slip Road via Cooks Ferry Roundabout departing to Hall Lane Slip Road. Set down in Hall Lane Slip Road (16005 - Harbet Road / Cooks Ferry, Last Stop on LOR: 16005 - Harbet Road / Cooks Ferry) and pick up in Hall Lane Slip Road (16006 - Harbet Road / Cooks Ferry, First Stop on LOR: 16006 - Harbet Road / Cooks Ferry).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**
BLIND DISPLAY: Angel Road, Eleys Estate.

WALTHAMSTOW, CROOKED BILLET NORTH SIDE (from Barnet High Street, Barnet Church)

Public stand for three buses in bay on north side of service road on north-eastern corner of Crooked Billet Roundabout.

Buses proceed from Southend Road Slip Road via Crooked Billet Roundabout and Wadham Road to stand, departing via Wadham Road, Unnamed Road, Wadham Road, Unnamed Road, Hale End Road, Unnamed Road, Wadham Road, Unnamed Road, Wadham Road and Crooked Billet Roundabout to Southend Road Slip Road. Set down in Southend Road Slip Road, at Stop CQ (15846 - Crooked Billet / Walthamstow Avenue, Last Stop on LOR: 15846 - Crooked Billet / Walthamstow Avenue) and pick up in Southend Road Slip Road, at Stop CP (25976 - Crooked Billet / Walthamstow Avenue, First Stop on LOR: 25976 - Crooked Billet / Walthamstow 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: Walthamstow, Crooked Billet.

WALTHAMSTOW CENTRAL STATION

Private stand for 13 buses in marked bays on east side of Walthamstow Central Bus Station on north side of Selborne Road. Overflow offside stand for 1 bus on west side of bus station in lay-by opposite Stop A.

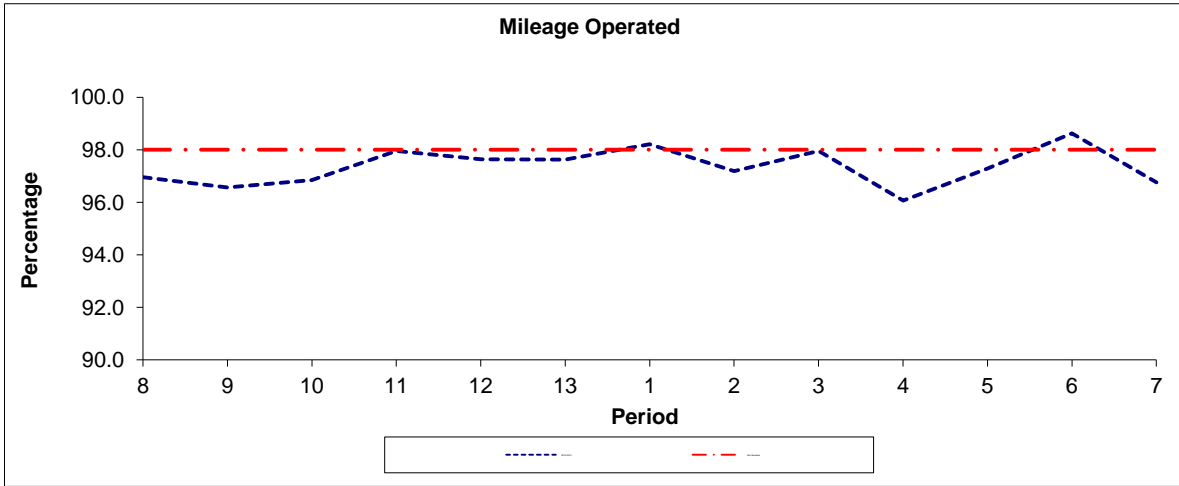
Buses proceed from Walthamstow Central Bus Station direct to stand, departing to Walthamstow Central Bus Station. Set down in Walthamstow Central Bus Station, at Alighting Point (BP4267 - Walthamstow Bus Station, Last Stop on LOR: BP4267 - Walthamstow Bus Station) and pick up in Walthamstow Central Bus Station, at Stop D (BP4273 - Walthamstow Bus Station, First Stop on LOR: BP4273 - Walthamstow Bus Station).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 34 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:	Walthamstow Central.
OTHER INFORMATION:	London Buses toilet facilities available: 0800-2100 Mondays to Saturdays. Sunday opening hours to be confirmed.

PART B - PERFORMANCE STATISTICS

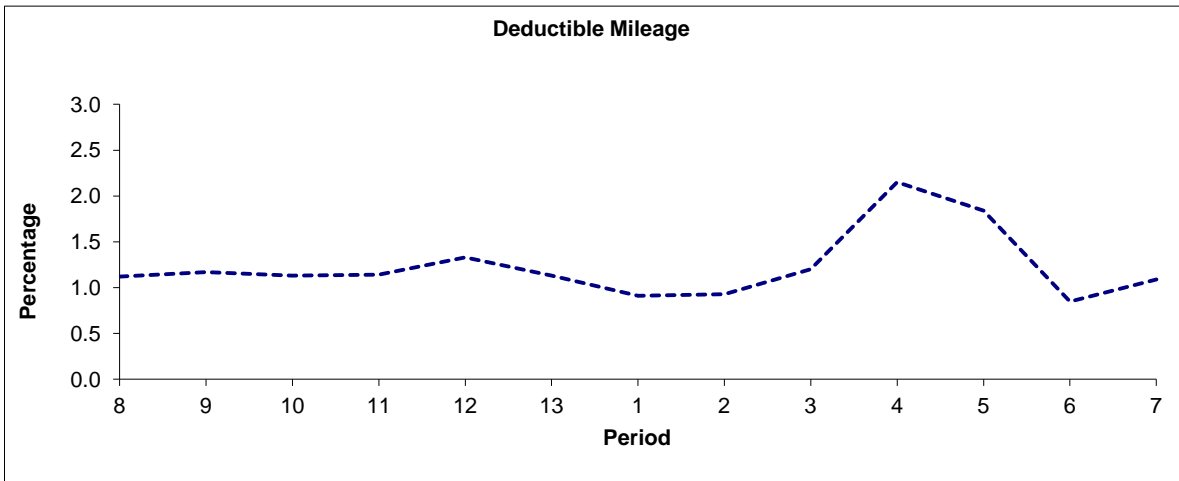
Route 34

Mileage Operated



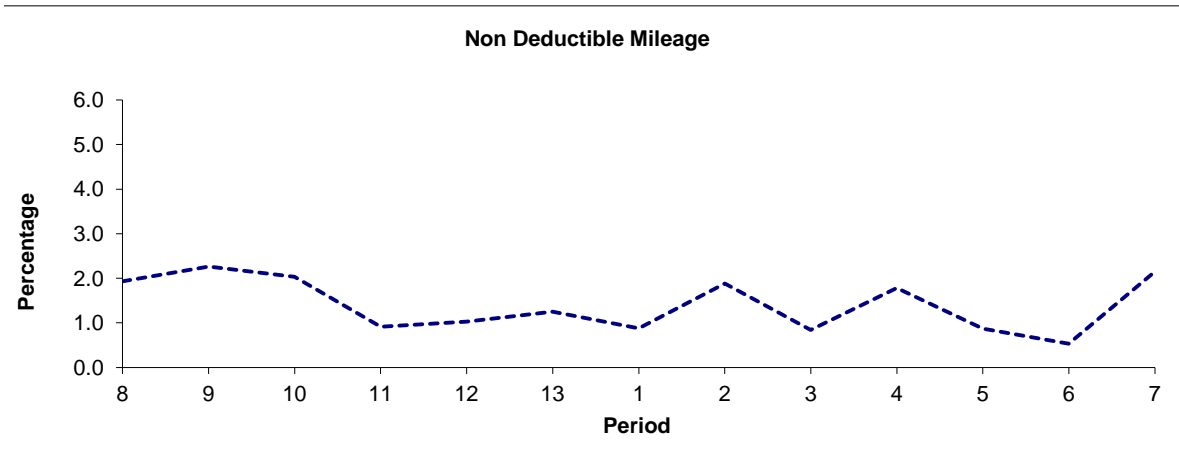
Period	8	9	10	11	12	13	1	2	3	4	5	6	7
2012/2013	96.95	96.57	96.84	97.95	97.64	97.62	98.21	97.19	97.96	96.07	97.29	98.62	96.76
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00

Deductible Mileage



Period	8	9	10	11	12	13	1	2	3	4	5	6	7
2012/2013	1.12	1.17	1.13	1.14	1.33	1.13	0.91	0.93	1.20	2.15	1.84	0.85	1.09

Non Deductible Mileage

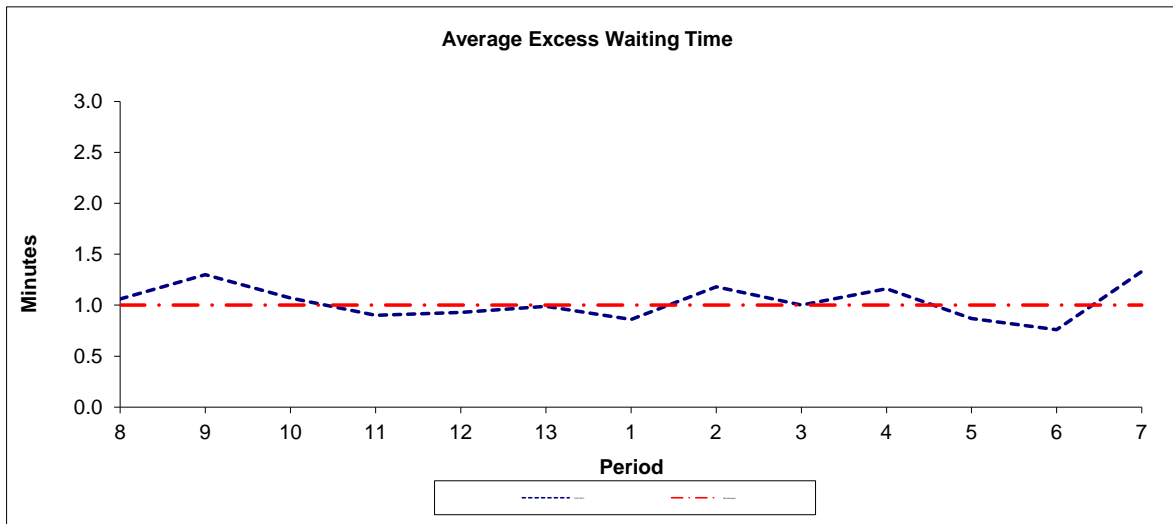


Period	8	9	10	11	12	13	1	2	3	4	5	6	7
2012/2013	1.93	2.26	2.03	0.91	1.03	1.25	0.88	1.88	0.84	1.78	0.87	0.53	2.15

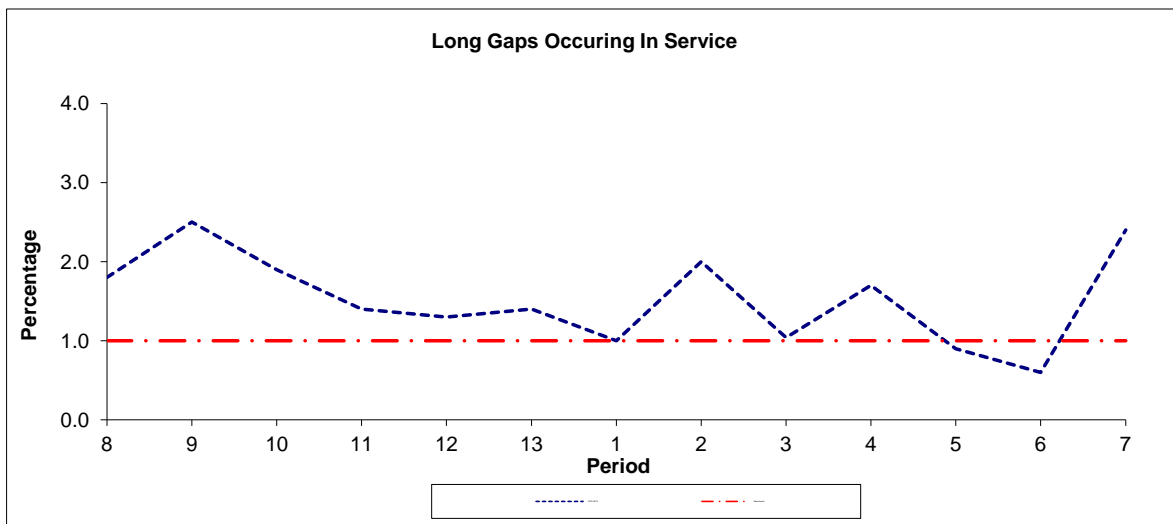
Note : Mileage is based on 4 weeks data

PART B - PERFORMANCE STATISTICS

Route 34



Period	8	9	10	11	12	13	1	2	3	4	5	6	7
2012-2013	1.06	1.30	1.07	0.90	0.93	0.99	0.86	1.18	1.00	1.16	0.87	0.76	1.33
Min Standard	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



Period	8	9	10	11	12	13	1	2	3	4	5	6	7
2012-2013	1.80	2.50	1.90	1.40	1.30	1.40	1.00	2.00	1.04	1.70	0.90	0.60	2.40
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 34 - FULL iBUS RESULTS BY TIME OF DAY
QUARTER 3 2012/13 TO QUARTER 2 13/14 (15/09/12 - 13/09/13)

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	47,659.	97.1	5.39	0.62	6.01	85.3	14.1	0.5	0.1	0.2	51
0700 - 1000	107,885.	95.2	3.84	1.16	5.00	89.2	10.2	0.5	0.0	2.1	40
1000 - 1300	101,964.	98.5	3.99	0.84	4.83	91.7	8.1	0.2	0.0	0.8	65
1300 - 1600	104,198.	97.0	3.95	0.99	4.94	90.0	9.6	0.4	0.0	1.4	40
1600 - 1900	100,952.	96.7	4.00	1.45	5.45	86.1	12.7	1.0	0.2	3.1	51
1900 - 2200	80,211.	99.1	4.93	0.86	5.79	83.7	15.5	0.7	0.1	1.0	79
2200 - 2400	45,715.	99.2	5.87	0.65	6.52	79.1	19.9	0.9	0.1	0.5	69
Summary	588,584.	97.3	4.18	1.07	5.25	87.8	11.5	0.6	0.1	1.7	79

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	7,948.	97.8	6.87	0.43	7.30	72.7	26.2	1.1	0.0	0.1	38
0700 - 1000	16,730.	98.0	5.14	0.71	5.85	84.7	14.9	0.4	0.0	0.4	44
1000 - 1300	20,889.	96.7	4.01	0.88	4.89	90.8	8.8	0.4	0.0	1.1	31
1300 - 1600	20,790.	97.7	4.00	1.14	5.14	89.0	10.4	0.6	0.1	1.8	40
1600 - 1900	20,757.	97.3	4.06	0.82	4.88	90.9	8.9	0.2	0.0	0.8	33
1900 - 2200	14,675.	99.6	5.62	1.10	6.71	76.1	21.9	1.8	0.2	1.2	55
2200 - 2400	9,241.	98.9	5.87	0.71	6.58	78.7	20.4	0.8	0.1	0.4	49
Summary	111,030.	97.8	4.51	0.92	5.43	86.8	12.5	0.6	0.1	1.1	55

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	4,431.	97.8	7.48	0.12	7.59	75.2	23.9	0.7	0.2	1.4	51
0700 - 1000	13,428.	99.0	7.02	0.51	7.53	70.8	28.1	1.1	0.1	0.1	40
1000 - 1300	16,373.	98.7	5.84	0.65	6.49	78.4	20.7	0.7	0.1	0.3	51
1300 - 1600	16,051.	98.6	5.94	0.85	6.80	76.2	22.1	1.4	0.2	0.7	50
1600 - 1900	16,061.	99.9	5.96	0.68	6.63	77.6	21.6	0.8	0.1	0.3	40
1900 - 2200	16,097.	100.3	5.95	0.60	6.55	78.1	21.4	0.5	0.0	0.1	37
2200 - 2400	10,734.	99.0	5.87	0.50	6.37	79.6	19.9	0.5	0.0	0.2	33
Summary	93,175.	99.2	6.05	0.67	6.72	77.0	22.1	0.9	0.1	0.4	51

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	60,038.	97.3	5.67	0.57	6.24	83.3	16.0	0.6	0.1	0.3	51
0700 - 1000	138,043.	95.9	4.10	1.09	5.19	87.9	11.5	0.5	0.0	1.8	44
1000 - 1300	139,226.	98.3	4.20	0.82	5.02	90.0	9.7	0.3	0.0	0.8	65
1300 - 1600	141,039.	97.3	4.16	1.00	5.16	88.4	11.0	0.5	0.1	1.4	50
1600 - 1900	137,770.	97.2	4.19	1.31	5.50	85.8	13.1	0.9	0.2	2.6	51
1900 - 2200	110,983.	99.3	5.13	0.86	5.99	82.2	16.9	0.8	0.1	0.9	79
2200 - 2400	65,690.	99.2	5.87	0.64	6.51	79.1	20.0	0.8	0.1	0.4	69
Summary	792,789.	97.6	4.40	1.01	5.41	86.7	12.6	0.6	0.1	1.5	79

792,789.

Transport for London - QSI Points and Live Mileage List

Route 34
 Service change 29940
 Date 24/03/2012

Reason for Issue

QSI Points are highlighted

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
BRNTHS	4127	Barnet High Street / Barnet Church		
	1478	Meadway / High Barnet Station	225	0.14
HBARSN	9923	High Barnet Station	340	0.21
	9921	Potters Lane	422	0.26
BRNTOD	1333	Barnet Odeon	130	0.08
	9919	Dinsdale Gardens	334	0.21
	3778	Lyonsdown Road	421	0.26
	9917	Walfield Avenue	191	0.12
	9915	Friern Mount Drive	344	0.21
	9913	Chandos Avenue	315	0.20
	4653	Athenaeum Road	338	0.21
WHETGF	14721	Whetstone / the Griffin	251	0.16
	70120	Ashcroft Court	270	0.17
	15418	Myddelton Park	324	0.20
	2294	Pollard Road	224	0.14
	15420	Raleigh Drive	241	0.15
	13422	Bawtry Road	337	0.21
	12914	Beaconsfield Road	362	0.22
	15422	Spencer Road	586	0.36
	15424	Betstyle Circus	339	0.21
	BP113	Betstyle Road	332	0.21
ARGVSN	15425	Amos Grove Station	336	0.21
	15427	Telford Road	531	0.33
	1606	Brownlow Road	321	0.20
	34927	Pymmes Road	397	0.25
PALMBR	BP5587	Green Lanes	385	0.24
	26230	Green Lanes	190	0.12
	7562	Melville Gardens	455	0.28
	12936	Chequers Way	397	0.25
	16013	Ulster Gardens	371	0.23
	12934	Franlaw Crescent	269	0.17
EDMTCME	14128	Cambridge Roundabout / Kendal Gardens	305	0.19
	14109	Lopen Road	398	0.25
	922	North Middlesex Hospital	510	0.32
	BP2679	Victoria Road	212	0.13
UPEDAS	1697	Angel Corner / Silver Street Station	331	0.21
	1695	Angel Corner	122	0.08
	35472	York Road	329	0.20
	16011	Montagu Road	317	0.20
EDMTAEE	20919	Eley Trading Estate	835	0.52
	16005	Harbet Road / Cooks Ferry	357	0.22
	15843	Hall Lane	639	0.40
	9436	Trinity Park	752	0.47
	15846	Crooked Billet / Walthamstow Avenue	740	0.46
WSTWCB	33673	Crooked Billet Roundabout	306	0.19
	7935	Brettenham Road	188	0.12
	7937	Sir George Monoux College	343	0.21
	7941	Aveling Park Road	153	0.10
WSTWBL	7945	Forest Road Bell Corner	414	0.26
	7949	Jewel Road	331	0.21
	7953	Walthamstow Market	367	0.23
	R0036	Walthamstow Central Station	453	0.28
WSTCSN	BP4267	Walthamstow Bus Station	96	0.06
Total Route Mileage - Out Direction			18476	11.48
			Metres	Miles

TRANCHE 459**Re-allocation to Palmers Green Garage**

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
WSTCSN	BP4273	Walthamstow Bus Station		
	33831	Walthamstow Market	505	0.31
	7950	Jewel Road	367	0.23
WSTWBL	7946	Forest Road Bell Corner	194	0.12
	R0044	Aveling Park Road	589	0.37
	7938	Cazenove Road	333	0.21
WSTWCB	7933	Crooked Billet Roundabout	317	0.20
	25976	Crooked Billet / Walthamstow Avenue	350	0.22
	9437	Trinity Park	666	0.41
	15842	Cooks Ferry Roundabout	1008	0.63
	16006	Harbet Road / Cooks Ferry	329	0.20
EDMTAEW	16608	Ravenside Trading Estate	476	0.30
	16012	Montagu Road	701	0.44
	25160	York Road	339	0.21
	1696	Angel Corner	304	0.19
UPEDAS	1698	Angel Corner / Silver Street Station	138	0.09
	923	North Middlesex Hospital	521	0.32
	14110	Lopen Road	402	0.25
	BP3489	Millfield Theatre & Arts Centre	221	0.14
EDMTCME	14129	Great Cambridge Road	422	0.26
	12935	Ostliffe Road	193	0.12
	16014	Ulster Gardens	243	0.15
	12937	Chequers Way	212	0.13
	16015	Melville Gardens	618	0.38
PALMNC	972	Green Lanes	416	0.26
	BP5649	Green Lanes	171	0.11
	34928	Pymmes Close	405	0.25
	34329	Pymmes Road	280	0.17
	15426	Warwick Road	227	0.14
	BP4847	Amos Grove Swimming Pool	504	0.31
ARGVSN	BP4890	Amos Grove Station	203	0.13
	BP4848	Ravenscraig Road	214	0.13
	15423	Betstyle Circus	247	0.15
	80009	Carlisle Place	346	0.21
	15421	Spencer Road	204	0.13
	12913	Beaconsfield Road	624	0.39
	13423	Bawtry Road	390	0.24
	15419	Raleigh Drive	269	0.17
	2295	Pollard Road	193	0.12
	15417	Myddelton Park	331	0.21
	70119	Oakleigh Park North	363	0.23
WHETGF	14722	Whetstone / the Griffin	279	0.17
	3295	Athenaeum Road	231	0.14
	9912	Chandos Avenue	240	0.15
	9914	Buckingham Avenue	265	0.16
	9916	Friem Mount Drive	190	0.12
	9918	Walfield Avenue	200	0.12
	1184	Lyonsdown Road	391	0.24
	9920	Dinsdale Gardens	261	0.16
BRNTOD	1334	Barnet Odeon	322	0.20
	9922	Underhill	405	0.25
HBARSN	35632	High Barnet Station	379	0.24
BRNTHS	9926	Fitzjohn Avenue	301	0.19
Total Route Mileage - Back Direction			18299	11.37
			Metres	Miles