

7. Service Specification

Route: 226

Contract Reference: QC49202

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	Ealing Broadway, Haven Green and Golders Green Station, Forecourt, Stop GB
Contract Basis	Incentivised
Commencement Date	17 th October 2015
Vehicle Type	60 capacity, dual door, single deck, minimum 10.8 meters long, subject to a satisfactory route test
Current Maximum Approved Dimensions	10.2 metres long and 2.44 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 1.10 minutes
Extension Threshold	Average Excess Wait Time Threshold – 0.95 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 27th October 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. 226.

- A new traffic scheme will be introduced in Harlesden in October 2014. Route No. 226 will be rerouted ex Ealing Broadway, Haven Green via normal line of route to Acton Lane, Station Road, High Street, Park Parade and normal line of route.

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:

- Tenderers should refer to the schedules dated 05/09/2013 (Mondays to Fridays) and 22/06/2013 (Saturdays & Sundays) rather than the current emergency schedules for Harlesden High Street road works. Normal schedules are expected to resume in January 2015.
- 60 capacity, dual door, single deck, minimum 10.8 meters long are specified, subject to a satisfactory route test.

Tenderers should note that if they are supplying an alternative price based on using existing vehicles, these must be refurbished in line with the revised specification dated 1st March 2014. This applies to all contracts awarded from Tranche 471 onwards.

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.**

Cash Free Boarding was extended throughout London from 6th July 2014. Submitted tender prices should fully reflect the cost saving accrued from this change. Tenderers should also indicate the approximate additional cost if cash fares were still to be accepted.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Ealing Broadway, Haven Green Stop C to Golders Green Station, Forecourt, Stop GB		Golders Green Station, Forecourt, Stop GB to Ealing Broadway, Haven Green Stop X1 GB			
First departure no later than 0520.		First departure no later than 0440.			
0415*- 0620	Every 20 minutes *	0435 - 0600	Every 20 minutes		
0621 - 0635	Every 15 minutes	0601 - 0630	Every 15 minutes		
0636 - 1445	Every 12 minutes	0631 - 0705	Every 12 minutes		
1446 - 1515	Every 8-9 minutes (7 buses per hour)	0706 - 0805	Every 10 minutes		
1516 - 2000	Every 12 minutes	0806 - 1940	Every 12 minutes		
2001 - 2045	Every 15 minutes	1941 - 2025	Every 15 minutes		
2046 - 0030	Every 20 minutes	2026 - 0110 ^	Every 20 minutes ^		
Last departure no earlier than 0025.		Last departure no earlier than 0105.			
Pinchpoints					
Dollis Hill Station	0730 - 0930	12 minutes	Park Royal, Central Middlesex Hospital	0700 - 0750	12 minutes
	1505 - 1550	12 minutes		0751 - 0850	10 minutes
	1551 - 1625	9 minutes		1510 - 1635	12 minutes

* Note - first 3 journeys must start from Hanger Lane Station at 0430, 0450 & 0510

^ Note - last 4 journeys must terminate at Hanger Lane Station

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Ealing Broadway, Haven Green Stop C to Golders Green Station, Forecourt, Stop GB		Golders Green Station, Forecourt, Stop GB to Ealing Broadway, Haven Green Stop X1 GB			
First departure no later than 0520.		First departure no later than 0440.			
0415*- 0720	Every 20 minutes *	0435 - 0800	Every 20 minutes		
0721 - 0820	Every 15 minutes	0801 - 0845	Every 15 minutes		
0821 - 1840	Every 12 minutes	0846 - 1840	Every 12 minutes		
1841 - 1925	Every 15 minutes	1841 - 1925	Every 15 minutes		
1926 - 0030	Every 20 minutes	1926 - 0110 ^	Every 20 minutes ^		
Last departure no earlier than 0025.		Last departure no earlier than 0105.			
Pinchpoints					
Dollis Hill Station	0915 - 1115	12 minutes	Park Royal, Central Middlesex Hospital	0930 - 1130	12 minutes

* Note - first 3 journeys must start from Hanger Lane Station at 0430, 0450 & 0510

^ Note - last 4 journeys must terminate at Hanger Lane Station

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

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

Ealing Broadway, Haven Green Stop C to Golders Green Station, Forecourt, Stop GB		Golders Green Station, Forecourt, Stop GB to Ealing Broadway, Haven Green Stop X1 GB			
First departure no later than 0605.		First departure no later than 0635.			
0600 - 0735	Every 30 minutes	0630 - 0805	Every 30 minutes		
0736 - 0030	Every 20 minutes	0806 - 0110 ^	Every 20 minutes ^		
Last departure no earlier than 0025.		Last departure no earlier than 0105.			
Pinchpoints					
Dollis Hill Station	1015 - 1215	20 minutes	Park Royal, Central Middlesex Hospital	1010 - 1210	20 minutes

^ Note - last 4 journeys must terminate at Hanger Lane Station

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 226 should be separated from Route No. 102 between Cricklewood, Pennine Drive and Golders Green Station during all periods.
- 4.2) Route No. 226 can suffer from unpredictable traffic delays in the Cricklewood and Harlesden areas.

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 226: Ealing Broadway Station - Golders Green Station

Date of Structural Change: 17 October 2015.

Date of Service Change: 17 October 2015.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards Golders Green Station: Haven Green (East Side), Haven Green (Diagonal), Castlebar Road, Eaton Rise, Montpelier Road, Helena Road, Mount Avenue, Birkdale Road, Lynwood Road, Brunswick Road, Hanger Lane, Hanger Lane Gyratory, Twyford Abbey Road, Bodiam Way, Lakeside Drive, Coronation Road, Private Road In Central Middlesex Hospital Grounds, Central Middlesex Hospital Bus Interchange, Private Road In Central Middlesex Hospital Grounds, Acton Lane, Station Road, Harlesden High Street, Park Parade, Harlesden Road, Robson Avenue, Pound Lane, Willesden High Road, Dudden Hill Lane, Burnley Road, Hamilton Road, Kendal Road, Anson Road, Chichele Road, Cricklewood Broadway, Cricklewood Lane, Claremont Road, Pennine Drive, Hendon Way, The Vale, Hodford Road, Golders Green Road, North End Road, Golders Green Bus Station Forecourt.

Towards Ealing Broadway Station: Golders Green Bus Station Forecourt, North End Road, Finchley Road, Golders Green Road, Hodford Road, The Vale, Hendon Way, Pennine Drive, Claremont Road, Cricklewood Lane, Cricklewood Broadway, Chichele Road, Anson Road, Kendal Road, Hamilton Road, Burnley Road, Dudden Hill Lane, Willesden High Road, Pound Lane, Robson Avenue, Harlesden Road, Park Parade, Harlesden High Street, Station Road, Acton Lane, Private Road In Central Middlesex Hospital Grounds, Central Middlesex Hospital Bus Interchange, Private Road In Central Middlesex Hospital Grounds, Coronation Road, Lakeside Drive, Bodiam Way, Twyford Abbey Road, Hanger Lane Gyratory, Western Avenue, Lynwood Road, Birkdale Road, Mount Avenue, Helena Road, Montpelier Road, Eaton Rise, Castlebar Road, Haven Green (North Side), Haven Green (East Side).

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

EALING BROADWAY, HAVEN GREEN, STAND Z3/Z4

Public stand for 5 buses at Stops Z3 and Z4 on south side of Haven Green (diagonal) commencing 11 metres west of lamp standard No. 37S8 and extending 49 metres east. Buses proceed from Haven Green (East Side) via Haven Green (Diagonal) to stand, departing via Haven Green (Diagonal) and Haven Green (North Side) to Haven Green (East Side). Set down in Haven Green (east Side), at Alighting Point X1 (BP996 - Ealing Broadway Station <> #, Last Stop on LOR: BP996 - Ealing Broadway Station <> #) and pick up in Haven Green (east Side), at Stop C (CW26 - Ealing Broadway Station <> #, First Stop on LOR: CW26 - Ealing Broadway Station <> #).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 1 bus on Route 226 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: Ealing Broadway.
OTHER INFORMATION: Toilet facilities available in LUL station (0600-2400 daily).

PARK ROYAL, CORONATION ROAD (SOUTH) (from GOLDERS GREEN STATION)

Public Stand for one bus on south side of Coronation Road, commencing at lamp standard 58 and extending 12 metres east. Buses proceed from Coronation Road direct to stand, departing to Coronation Road. Set down in Coronation Road, at Stop S (BP613 - Park Royal Station <>, Last Stop on LOR: BP613 - Park Royal Station <>) and pick up in Coronation Road, at Stop H (BP614 - Park Royal Station, First Stop on LOR: BP614 - Park Royal 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: Park Royal, First Central.

PARK ROYAL, ASDA (from GOLDERS GREEN STATION)

Private stand for one bus at rear of bus stop J on north side of the private road within the Asda Store.

Buses proceed from Coronation Road via Western Road and Asda Access Road to stand, departing via Asda Access Road, Park Royal Road and Coronation Road to Private Road In Central Middlesex Hospital Grounds. Set down in Coronation Road, at Stop H (BP604 - Abbey Road, Last Stop on LOR: BP604 - Abbey Road) and pick up in Private Road In Central Middlesex Hospital Grounds, at Stop A (BP4971 - Central 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: Park Royal, Asda.

PARK ROYAL, CENTRAL MIDDLESEX HOSPITAL (from Ealing Broadway Station)

Private stand for 2 buses on south side of Central Middlesex Hospital Bus Interchange within grounds of Central Middlesex Hospital.

Buses proceed from Private Road In Central Middlesex Hospital Grounds via Central Middlesex Hospital Bus Interchange to stand, departing to Central Middlesex Hospital Bus Interchange. Set down in Private Road In Central Middlesex Hospital Grounds, at Stop A (BP4971 - Central Middlesex Hospital, Last Stop on LOR: BP4971 - Central Middlesex Hospital) and pick up in Central Middlesex Hospital Bus Interchange, at Stop B (BP4970 - Central Middlesex Hospital, First Stop on LOR: BP4970 - Central 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: Central Middlesex Hospital.

HARLESDEN, JUBILEE CLOCK (from GOLDERS GREEN STATION)

Buses proceed from Park Parade via Harlesden High Street, Tavistock Road and Manor Park Road departing to Park Parade. Set down in Park Parade, at Stop D (1381 - Park Parade, Last Stop on LOR: 1381 - Park Parade) and pick up in Park Parade, at Stop C (1380 - Park Parade, First Stop on LOR: 1380 - Park Parade).

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

WILLEDEN JUNCTION STATION

Private stand for three buses in parking area on north side of turning circle at eastern end of Station Approach.

From Ealing Broadway Station.

Buses proceed from Acton Lane via Station Road, Old Oak Lane, Station Approach, Bus Turning Circle and Station Approach to stand, departing via Station Approach and Station Road to Acton Lane. Set down in Station Approach, at Alighting Point (R0261 - Willesden Junction Station <> #, Last Stop on LOR: 1386 - Willesden County Court) and pick up in Acton Lane, at Stop S (1387 - Willesden County Court, First Stop on LOR: 1387 - Willesden County Court).

From Golders Green Station.

Buses proceed from Station Road via Old Oak Lane, Station Approach, Bus Turning Circle and Station Approach to stand, departing via Station Approach and Station Road to Harlesden High Street. Set down in Station Approach, at Alighting Point (R0261 - Willesden Junction Station <> #, Last Stop on LOR: 1381 - Park Parade) and pick up in Harlesden High Street, at Stop X (18222 - Harlesden Jubilee Clock, First Stop on LOR: 18222 - Harlesden Jubilee Clock).

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:	Harlesden, Jubilee Clock.

CRICKLEWOOD BROADWAY, CHICHELE ROAD (from GOLDERS GREEN STATION)

Public stand on west side of Chichele Road, commencing outside No.22 and extending 20 metres southwards.

Buses proceed from Cricklewood Lane via Cricklewood Broadway, Anson Road and Chichele Road to stand, departing to Chichele Road. Set down in Cricklewood Lane, at Stop CW (2775 - Cricklewood Broadway, Last Stop on LOR: 2775 - Cricklewood Broadway) and pick up in Chichele Road, at Stop CD (2967 - Sheldon Road, First Stop on LOR: 2967 - Sheldon 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:	Cricklewood Broadway.

CRICKLEWOOD, PENNINE DRIVE (from Ealing Broadway Station)

Buses proceed from Pennine Drive departing to Claremont Road. Set down in Pennine Drive, at Stop K (35839 - Pennine Drive / Claremont Road, Last Stop on LOR: 35839 - Pennine Drive / Claremont Road) and pick up in Claremont Road, at Stop D (16067 - Pennine Drive, First Stop on LOR: 16067 - Pennine Drive).

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

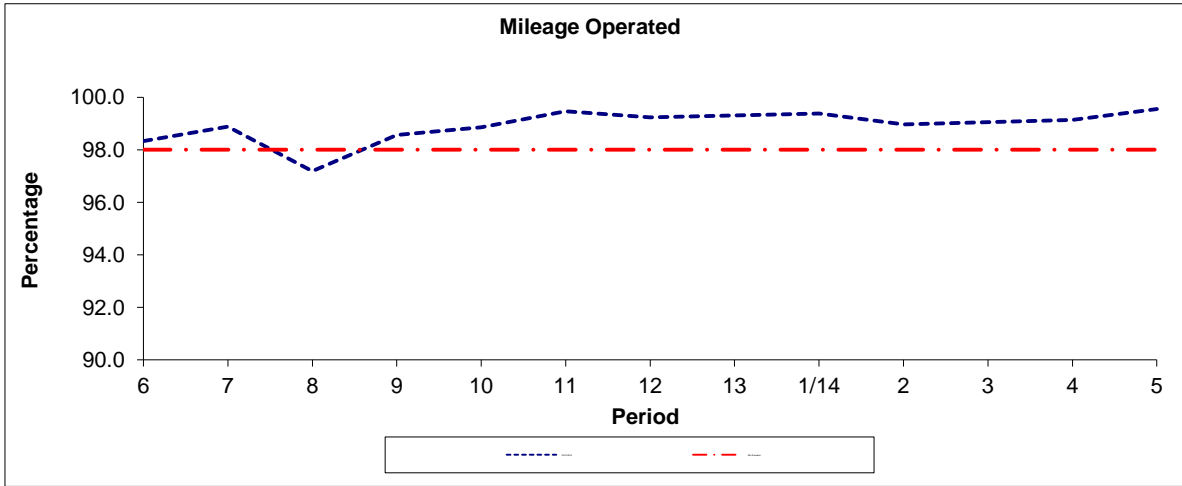
GOLDERS GREEN STATION FORECOURT, STAND G B

Private stand for 3 buses at Stop GB in Golders Green Bus Station on north side of North End Road. When stand is full buses should use overflow stand opposite Stops GI and GH. Buses proceed from Golders Green Bus Station Forecourt direct to stand, departing to Golders Green Bus Station Forecourt. Set down in Golders Green Bus Station Forecourt, at Stop GB (R0796 - Golders Green Station <>, Last Stop on LOR: R0796 - Golders Green Station <>) and pick up in Golders Green Bus Station Forecourt, at Stop GB (R0796 - Golders Green Station <>, First Stop on LOR: R0796 - Golders Green Station <>).

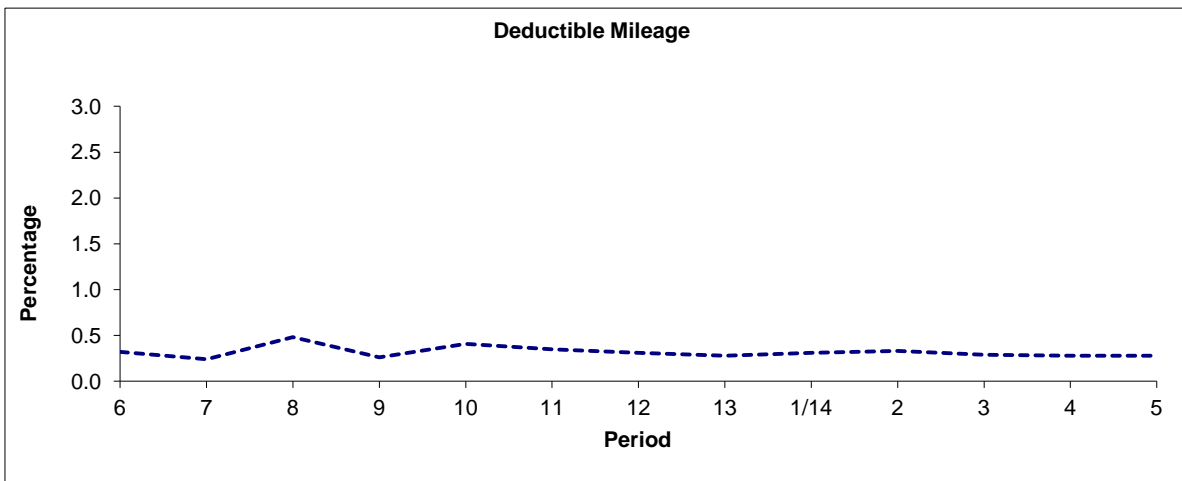
AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 1 bus on Route 226 should be scheduled to stand at any one time.
MEAL RELIEFS: No meal relief vehicles to stand at any time.
FERRY VEHICLES: No ferry vehicles to park on stand at any time.
BLIND DISPLAY: Golders Green.

PART B - PERFORMANCE STATISTICS

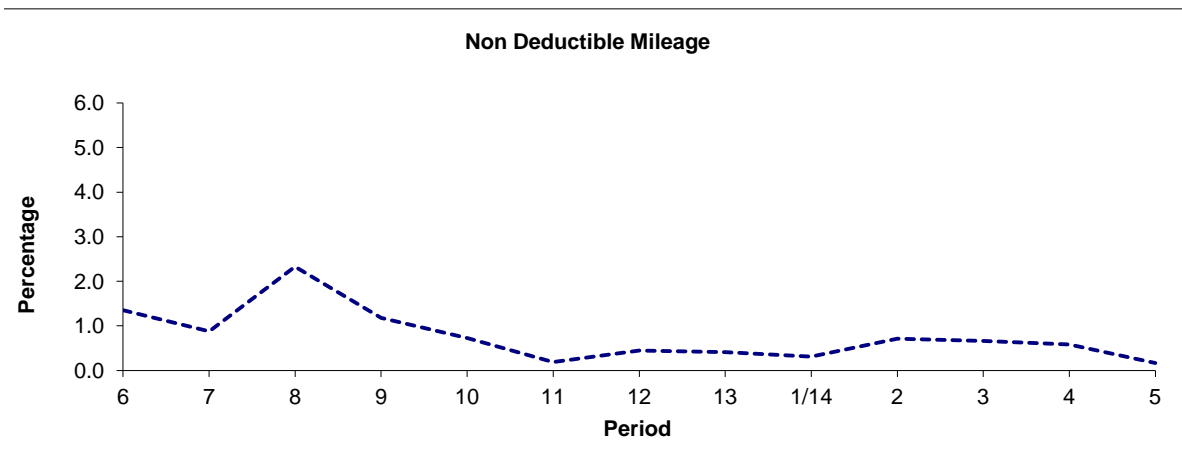
Route 226



Period	6	7	8	9	10	11	12	13	1/14	2	3	4	5
2013/2014	98.33	98.88	97.19	98.56	98.86	99.46	99.24	99.31	99.38	98.96	99.05	99.14	99.55
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	1/14	2	3	4	5
2013/2014	0.32	0.24	0.48	0.26	0.41	0.35	0.31	0.28	0.31	0.33	0.29	0.28	0.28

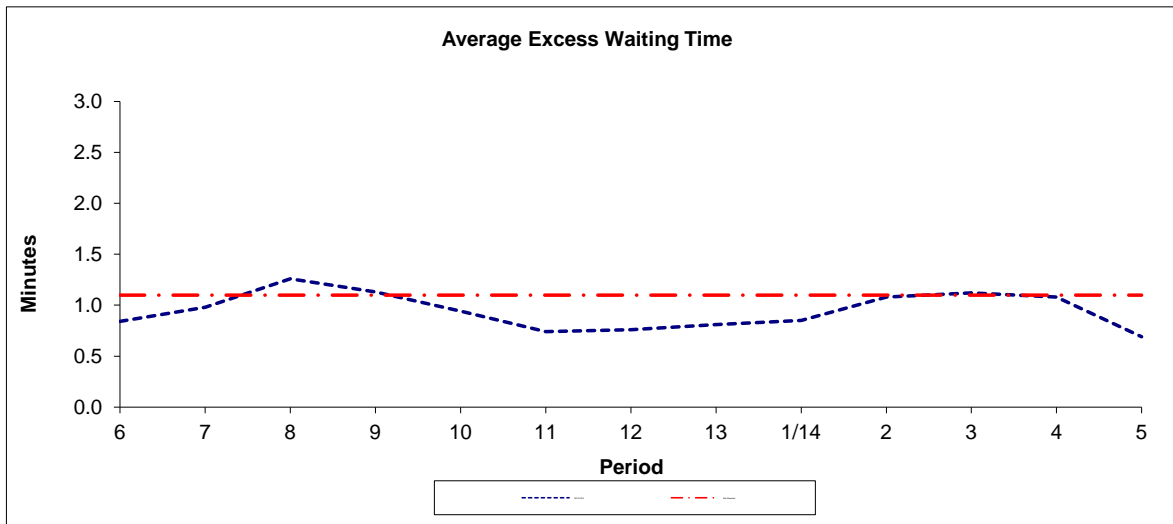


Period	6	7	8	9	10	11	12	13	1/14	2	3	4	5
2013/2014	1.35	0.88	2.33	1.18	0.73	0.19	0.45	0.41	0.31	0.71	0.66	0.58	0.17

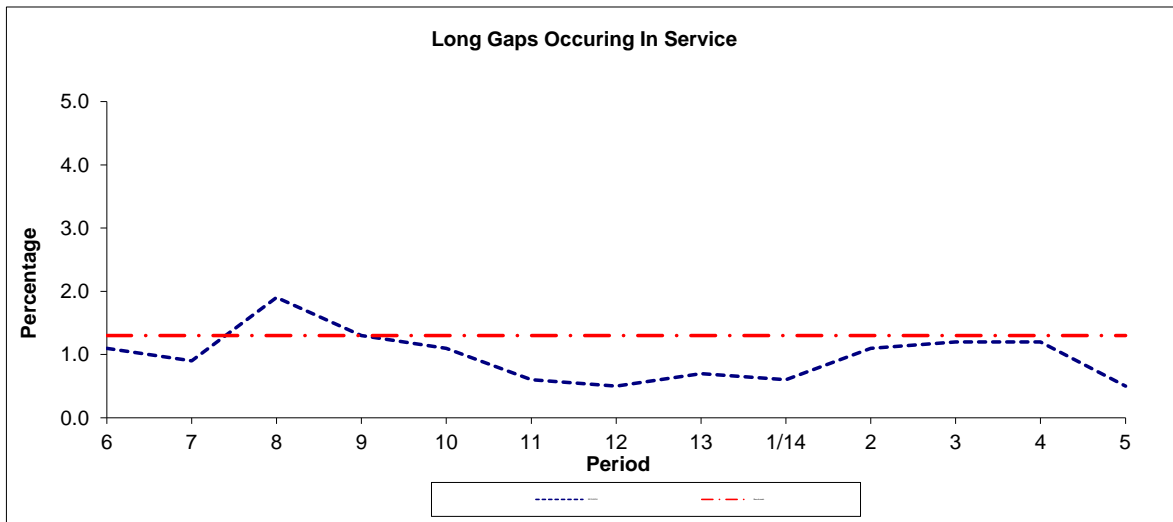
Note : Mileage is based on 4 weeks data

PART B - PERFORMANCE STATISTICS

Route 226



Period	6	7	8	9	10	11	12	13	1/14	2	3	4	5
2013-2014	0.84	0.98	1.26	1.13	0.94	0.74	0.76	0.81	0.85	1.08	1.12	1.08	0.69
Min Standard	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10



Period	6	7	8	9	10	11	12	13	1/14	2	3	4	5
2013-2014	1.1	0.9	1.9	1.3	1.1	0.6	0.5	0.7	0.6	1.1	1.2	1.2	0.5
Benchmark	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

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

ROUTE 226 - FULL iBUS RESULTS BY TIME OF DAY
QUARTER 2 13/14 TO QUARTER 1 14/15 (22/06/13 - 20/06/14)

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	30,039.	97.4	8.55	0.34	8.89	63.8	33.4	2.7	0.1	0.0	45
0700 - 1000	66,599.	101.0	5.77	0.70	6.48	79.0	19.9	1.0	0.1	0.5	68
1000 - 1300	64,066.	98.9	5.98	0.63	6.61	77.4	21.7	0.8	0.1	0.3	51
1300 - 1600	65,204.	98.9	5.86	1.04	6.90	75.2	22.6	1.9	0.3	1.1	54
1600 - 1900	64,140.	96.1	5.86	1.61	7.47	72.2	23.7	3.2	0.9	2.3	76
1900 - 2200	55,390.	101.1	6.53	1.36	7.89	67.5	27.2	4.4	0.8	1.8	72
2200 - 2400	23,523.	101.7	9.83	0.61	10.43	51.1	41.3	6.9	0.7	0.1	85
Summary	368,961.	99.2	6.18	1.04	7.22	73.4	23.8	2.4	0.4	1.1	85

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	5,190.	98.0	9.76	0.32	10.07	52.0	43.3	4.5	0.2	0.0	42
0700 - 1000	11,378.	101.8	6.97	0.42	7.39	73.0	25.7	1.2	0.1	0.1	49
1000 - 1300	13,594.	98.5	5.98	0.62	6.60	77.6	21.3	1.0	0.2	0.4	51
1300 - 1600	13,319.	100.1	6.01	0.80	6.81	76.4	22.3	1.2	0.1	0.5	55
1600 - 1900	13,489.	100.4	5.93	0.72	6.65	77.2	21.8	1.0	0.1	0.4	42
1900 - 2200	9,384.	98.0	8.26	0.84	9.11	56.9	36.4	5.6	1.0	0.8	93
2200 - 2400	5,309.	99.7	9.83	0.60	10.44	50.7	41.5	7.3	0.6	0.1	46
Summary	71,663.	99.7	6.64	0.68	7.32	72.3	25.5	2.0	0.3	0.4	93

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	1,080.	100.5	14.69	-0.12	14.57	63.1	16.2	18.0	2.6	11.2	41
0700 - 1000	7,976.	99.5	11.41	0.27	11.68	47.6	40.2	10.7	1.4	0.0	80
1000 - 1300	8,934.	99.3	10.05	0.56	10.61	49.4	41.4	8.4	0.8	0.1	49
1300 - 1600	9,023.	100.3	9.92	0.42	10.34	50.3	42.0	7.2	0.4	0.0	45
1600 - 1900	8,913.	101.9	9.96	0.33	10.29	50.2	42.2	7.3	0.3	0.1	51
1900 - 2200	8,811.	103.1	9.76	0.45	10.21	51.7	40.4	7.4	0.6	0.1	52
2200 - 2400	5,209.	103.1	9.84	0.33	10.17	51.5	42.2	5.7	0.6	0.1	62
Summary	49,946.	101.1	10.13	0.40	10.53	50.3	41.2	7.9	0.6	0.2	80

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	36,309.	97.6	8.91	0.32	9.24	62.4	33.9	3.5	0.2	0.5	45
0700 - 1000	85,953.	101.0	6.15	0.66	6.81	77.0	21.4	1.5	0.2	0.4	80
1000 - 1300	86,594.	98.9	6.44	0.62	7.06	74.3	23.9	1.7	0.2	0.3	51
1300 - 1600	87,546.	99.2	6.30	0.94	7.24	72.8	24.5	2.3	0.3	0.9	55
1600 - 1900	86,542.	97.4	6.26	1.39	7.65	70.6	25.3	3.4	0.8	1.9	76
1900 - 2200	73,585.	100.9	7.12	1.19	8.31	64.4	29.8	4.9	0.8	1.5	93
2200 - 2400	34,041.	101.6	9.83	0.57	10.40	51.1	41.4	6.8	0.7	0.1	85
Summary	490,570.	99.4	6.61	0.93	7.54	71.1	25.6	2.8	0.4	1.0	93

Transport for London - QSI Points and Live Mileage List

Route 226
 Service change 18144
 Date 25 November 2009

TRANCHE 492

QSI Points are highlighted.

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
EALBHNZS	EALBHNZS	Ealing Broadway, Haven Green, Stand Z3/Z4		
EALBHG**	CW26	Ealing Broadway Station	0	0.00
EALBER**	15690	Castlebar Road	470	0.29
	15688	Marchwood Crescent	369	0.23
	H1000	Eaton Rise	216	0.13
	H1001	Mount Park Road	194	0.12
HLNRMR	H1002	Helena Road	179	0.11
	H1003	Mount Avenue	140	0.09
	H1004	Ainsdale Road	222	0.14
	H1005	Sandall Road	303	0.19
	H1006	Brunswick Road	171	0.11
	H1007	Clarendon Road	157	0.10
	H1008	Brunswick Gardens	312	0.19
	HC125	Hail & Ride Section	102	0.06
HRLNSN	R0103	Hanger Lane Station	122	0.08
	35812	Hanger Lane Gyrotory	254	0.16
	BP602	Bispham Road	422	0.26
	BP4375	Park Avenue	204	0.13
	BP4298	Bodiam Way	144	0.09
	BP4331	Lakeside Drive	280	0.17
PRYLFC	BP614	Park Royal Station	333	0.21
	BP612	Radnor Way	344	0.21
	BP606	Western Road	442	0.27
PRYLHP	BP4971	Central Middlesex Hospital	253	0.16
	6138	Barrets Green Road	682	0.42
	R0266	Waxlow Road	332	0.21
	R0260	Harlesden Station	294	0.18
	6130	Fairlight Avenue	351	0.22
HARLMC	1386	Willesden County Court	382	0.24
	18222	Harlesden Jubilee Clock	174	0.11
	1380	Park Parade	489	0.30
	26954	Wrottesley Road	351	0.22
	26952	Roundwood Park	356	0.22
WILLHP	BP982	Robson Avenue	193	0.12
	26950	Clare Road	345	0.21
	26948	Bertie Road	221	0.14
	34186	Pound Lane / Willesden Bus Garage	145	0.09
	15068	Meyrick Road	310	0.19
	1013	Chapter Road	133	0.08
	26946	Aberdeen Road	439	0.27
DHLLSN	26945	Dollis Hill Station	188	0.12
	26942	Geary Road	355	0.22
	26940	Cullingworth Road	258	0.16
	26938	The Gladstone Centre	357	0.22
	26936	Henson Avenue	274	0.17
	26934	Dawson Road	259	0.16
	26932	Anson Primary School	249	0.15
	2967	Sheldon Road	297	0.18
CWBYCL	2776	Cricklewood Broadway	178	0.11
	17718	Cricklewood Station	320	0.20
	14869	Somerton Road	204	0.13
	35962	The Vale	201	0.12
CTRDPD	M5	Pennine Drive	235	0.15
	35839	Pennine Drive / Claremont Road	123	0.08
PENDPO	16068	Cleveland Gardens	381	0.24
	16070	Hendon Way	294	0.18
	25072	The Vale	168	0.10
	16074	Dunstan Road	482	0.30
	15913	Hodford Road	531	0.33
GGSNFGB	R0796	Golders Green Station	241	0.15
GGSNFGB	GGSNFGBS	Golders Green Station Forecourt, Stand G E	0	0.00
TOTAL ROUTE MILEAGE - OUT DIRECTION			16425 metres	10.21 miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
GGSNFGBS	GGSNFGBS	Golders Green Station Forecourt, Stand G B		
GGSNFGB	R0796	Golders Green Station	0	0.00
	15912	Hodford Road	314	0.20
	16073	Dunstan Road	581	0.36
	16072	The Vale / Hendon Way	215	0.13
	16071	Hendon Way	420	0.26
PENDPO	16069	Cleveland Gardens	235	0.15
CTRDPD	16067	Pennine Drive	584	0.36
	14870	Somerton Road	352	0.22
	17719	Cricklewood Station	183	0.11
CWBYCL	2775	Cricklewood Broadway	379	0.24
	2966	Sheldon Road	234	0.15
	26933	Anson Primary School	262	0.16
	26935	Dawson Road	287	0.18
	26937	Henson Avenue	258	0.16
	26939	The Gladstone Centre	247	0.15
	26941	Cullingworth Road	361	0.22
	26943	Geary Road	257	0.16
DHLLSN	26944	Dollis Hill Station	228	0.14
	26947	Aberdeen Road	337	0.21
	1014	Chapter Road	340	0.21
	2960	Pound Lane	340	0.21
	26949	Bertie Road	212	0.13
	BP4666	Clare Road	223	0.14
	26951	Harlesden Road	277	0.17
WILLHP	BP446	Robson Avenue	162	0.10
	26953	Roundwood Park	217	0.13
	26955	Wrottesley Road	357	0.22
	1381	Park Parade	262	0.16
HARLMC	1387	Willesden County Court	440	0.27
	6129	Fairlight Avenue	337	0.21
	6127	Harlesden Station	413	0.26
	6125	Waxlow Road	148	0.09
	6137	Barrett's Green Road	422	0.26
PRYLHP	BP4970	Central Middlesex Hospital	593	0.37
	BP604	Abbey Road	270	0.17
	BP605	Western Road	150	0.09
	BP607	Radnor Way	356	0.22
PRYLFC	BP613	Park Royal Station	391	0.24
	BP4299	Lakeside Drive	190	0.12
	BP4297	Bodiam Way	451	0.28
	BP4374	Twyford Abbey Road	140	0.09
HRLNSN	14829	Hanger Lane Station	437	0.27
	H1009	Brunswick Road	791	0.49
	H1010	Sandall Road	206	0.13
	H1011	Birkdale Road	284	0.18
	H1012	Mount Avenue	77	0.05
HLNRMR	H1013	Helena Road	295	0.18
	H1014	St Peters Way	149	0.09
	H1015	Eaton Rise	227	0.14
	HC126	Hail & Ride Section	26	0.02
	10580	Montpelier Road	79	0.05
	15689	Marchwood Crescent	146	0.09
	15691	Castlebar Road	389	0.24
EALBHX1	BP996	Ealing Broadway Station	428	0.27
EALBHNZS	EALBHNZS	Ealing Broadway, Haven Green, Stand Z3/Z	0	0.00
TOTAL ROUTE MILEAGE - BACK DIRECTION			15959 metres	9.92 miles