

7. Service Specification

Route: 191

QC47701

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	Edmonton Green, Bus Station to Brimsdown Station
Contract Basis	Incentivised
Commencement Date	2 nd May 2015
Vehicle Type	87 capacity, dual door, double deck buses
Current Maximum Approved Dimensions	10.4 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 1.10 minutes
Extension Threshold	Average Excess Wait Time Threshold - 0.95minutes
Minimum Operated Mileage Standard	No less than 98.00%

The Date of Tender for this ITT is: No later than 12 Noon on Monday 17th June 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. 191.

- The Mondays to Fridays Schooldays afternoon peak flow journey ex Brimsdown Station between 1355 and 1455 should provide a frequency of every 8-9 minutes (7 buses per hour) to arrive at Ponders End Station between 1441 and 1541 in line with what was previously specified.

Tenderers should note that there are no changes proposed as part of this Service Specification for Route No. 191.

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.

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.

Cash Free Boarding will be 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 SCHOOLDAYS SCHEDULE REQUIREMENTS & PINCHPOINTS

Edmonton Green, Bus Station, Stop E to Brimsdown Station			Brimsdown Station to Edmonton Green, Bus Station, Stop E		
First departure no later than 0540.			First departure no later than 0510.		
0535 - 0600	Every 20 minutes		0505 - 0610	Every 20 minutes	
0601 - 0630	Every 15 minutes		0611 - 0625	Every 15 minutes	
0631 - 1910	Every 10 minutes		0626 - 1355	Every 10 minutes	
1911 - 2010	Every 15 minutes		1356 - 1455	Every 8-9 minutes (7 buses per hour)	
2011 - 2355	Every 20 minutes		1456 - 1910	Every 10 minutes	
			1911 - 1940	Every 15 minutes	
			1941 - 0005	Every 20 minutes	
Last departure no earlier than 2350.			Last departure no earlier than 2400.		
Pinchpoints					
Carterhatch, Carterhatch Lane	0705 - 0905	10 minutes	Ponders End Station	0700 - 0900	10 minutes
	1505 - 1635	10 minutes		1440 - 1540	9 minutes
				1541 - 1640	10 minutes

Edmonton Green, Bus Station, Stop E to Brimsdown Station		Enfield Town, Market Place to Edmonton Green, Bus Station, Stop E	
0746	One journey	1518	One journey

The journeys shown in Section 3.1 are specifically designed to meet the start and finish times of Oasis Academy Hadley in the Ponders End area.

3.2) MONDAY TO FRIDAY NON SCHOOLDAYS SCHEDULE REQUIREMENTS & PINCHPOINTS

Edmonton Green, Bus Station, Stop E to Brimsdown Station			Brimsdown Station to Edmonton Green, Bus Station, Stop E		
First departure no later than 0540.			First departure no later than 0510.		
0535 - 0600	Every 20 minutes		0505 - 0610	Every 20 minutes	
0601 - 0630	Every 15 minutes		0611 - 0625	Every 15 minutes	
0631 - 1910	Every 10 minutes		0626 - 1910	Every 10 minutes	
1911 - 2010	Every 15 minutes		1911 - 1940	Every 15 minutes	
2011 - 2355	Every 20 minutes		1941 - 0005	Every 20 minutes	
Last departure no earlier than 2350.			Last departure no earlier than 2400.		
Pinchpoints					
Carterhatch, Carterhatch Lane	0705 - 0905	10 minutes	Ponders End Station	0700 - 0900	10 minutes
	1505 - 1635	10 minutes		1505 - 1635	10 minutes

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

3.3) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Edmonton Green, Bus Station, Stop E to Brimmsdown Station			Brimmsdown Station to Edmonton Green, Bus Station, Stop E		
First departure no later than 0540.			First departure no later than 0510.		
0535 - 0800	Every 20 minutes		0505 - 0750	Every 20 minutes	
0801 - 0830	Every 15 minutes		0751 - 0835	Every 15 minutes	
0831 - 1740	Every 10 minutes		0836 - 1825	Every 10 minutes	
1741 - 1910	Every 15 minutes		1826 - 1840	Every 15 minutes	
1911 - 2355	Every 20 minutes		1841 - 0005	Every 20 minutes	
Last departure no earlier than 2350.			Last departure no earlier than 2400.		
Pinchpoints					
Carterhatch, Carterhatch Lane	0910 - 1110	10 minutes	Ponders End Station	0910 - 1110	10 minutes

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

Edmonton Green, Bus Station, Stop E to Brimmsdown Station			Brimmsdown Station to Edmonton Green, Bus Station, Stop E		
First departure no later than 0630.			First departure no later than 0600.		
0625 - 0750	Every 20 minutes		0555 - 0820	Every 20 minutes	
0751 - 1830	Every 15 minutes		0821 - 1800	Every 15 minutes	
1831 - 2355	Every 20 minutes		1801 - 0005	Every 20 minutes	
Last departure no earlier than 2350.			Last departure no earlier than 2400.		
Pinchpoints					
Carterhatch, Carterhatch Lane	1010 - 1125	15 minutes	Ponders End Station	1010 - 1125	15 minutes

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 191 should interwork with Route No. 307 between Ponders End, Enfield Bus Garage and Enfield Town and during Mondays to Saturdays daytimes and all evenings and be separated during all other periods.
- 4.2) Route No. 191 should interwork with Route No. 121 between Ponders End, Enfield Bus Garage and Enfield Town during Mondays to Sundays daytimes and be separated during all evenings.
- 4.3) Route No. 191 suffers from unpredictable traffic delays in the Enfield (particularly Southbury Road) area.
- 4.4) School travel demand is high near the junction of Baker Street and Lancaster Road. Demand may be higher at school times which could result in possible overcrowding and possible delays.
- 4.5) Route No. 191 can suffer from major disruption in the Edmonton area during home matches of Tottenham Hotspur football club.
- 4.6) A new academy is expected to be built in the Ponders End area over the next 3 years on the former Middlesex University site which will affect demand on Route No. 191.

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 191: Edmonton Green Station - Brimsdown Station

Date of Structural Change: 2 May 2015.

Date of Service Change: 2 May 2015.

Reason for Issue: New tender.

STREETS TRAVERSED

Towards Brimsdown Station: Edmonton Green Bus Station, Hertford Road, Bounces Road, Nightingale Road, Hertford Road, Ponders End High Street, South Street, Alma Road, Durants Road, Alexandra Road, Nags Head Road, Southbury Road, Genotin Road, Cecil Road, Church Street, Chase Side, Lancaster Road, Baker Street, Myddelton Avenue, Carterhatch Lane, Hertford Road, Eastfield Road, Bell Lane, Brimsdown Avenue.

Towards Edmonton Green Station: Green Street, Brimsdown Avenue, Bell Lane, Eastfield Road, Hertford Road, Carterhatch Lane, Myddelton Avenue, Baker Street, Lancaster Road, Chase Side, Church Street, The Town, Southbury Road, Nags Head Road, Alexandra Road, Durants Road, Alma Road, South Street, Ponders End High Street, Hertford Road, Nightingale Road, Bounces Road, Hertford Road, Edmonton Green Bus Station.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

EDMONTON GREEN BUS STATION, STAND E

Private stand for 2 buses at Stop E on north side of Edmonton Green Bus Station on south side of Hertford Road.

Buses proceed from Edmonton Green Bus Station direct to stand, departing to Edmonton Green Bus Station. Set down in Edmonton Green Bus Station, at Stop E (BP4955 - Edmonton Green Bus Station, Last Stop on LOR: BP4955 - Edmonton Green Bus Station) and pick up in Edmonton Green Bus Station, at Stop C (BP4953 - Edmonton Green Bus Station, First Stop on LOR: BP4953 - Edmonton Green Bus Station).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 2 buses on Route 191 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: Edmonton Green.

PONDERS END, NAG'S HEAD ROAD

From Brimsdown Station.

Buses proceed from Southbury Road via Hertford Road, Durants Road and Alexandra Road departing to Nags Head Road. Set down in Southbury Road, at stop C (13522 - Glyn Road, Last Stop on LOR: 13522 - Glyn Road) and pick up in Nags Head Road, at stop PL (20243 - Scotland Green Road, First Stop on LOR: 20243 - Scotland Green Road).

From Edmonton Green Station.

Buses proceed from Nags Head Road via Hertford Road and Durants Road departing to Alma Road. Set down in Nags Head Road, at stop E (20242 - Ponders End High Street, Last Stop on LOR: 20242 - Ponders End High Street) and pick up in Alma Road, at stop PC (70346 - Scotland Green Road, First Stop on LOR: 70346 - Scotland Green Road).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**
BLIND DISPLAY: Ponders End, Nag's Head Road.

ENFIELD TOWN (from BRIMSDOWN STATION)

Buses proceed from Church Street (Eastbound) via The Town, Southbury Road and Genotin Road departing to Cecil Road. Set down in Church Street, at Stop E (14997 - Enfield Town / Church Street, Last Stop on LOR: 14997 - Enfield Town / Church Street) and pick up in Cecil Road, at stop X (BP4976 - Enfield Town / Cecil Road, First Stop on LOR: BP4976 - Enfield Town / Cecil Road).

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

SOUTHBURY, DEARSLEY ROAD

From Brimsdown Station.

Buses proceed from Southbury Road via Baird Road, Dearsley Road and Great Cambridge Road departing to Southbury Road. Set down in Southbury Road, at stop Q (13521 - Baird Road, Last Stop on LOR: 13521 - Baird Road) and pick up in Southbury Road, at stop J (3491 - Great Cambridge Road, First Stop on LOR: 3491 - Great Cambridge Road).

From Edmonton Green Station.

Buses proceed from Southbury Road via Crown Road, Baird Road, Dearsley Road and Great Cambridge Road departing to Southbury Road. Set down in Southbury Road, at stop B (13523 - Enfield Bus Garage / Southbury Station #, Last Stop on LOR: 13523 - Enfield Bus Garage / Southbury Station #) and pick up in Southbury Road, at stop Q (13521 - Baird Road, First Stop on LOR: 13521 - Baird Road).

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

ENFIELD TOWN (from Edmonton Green Station)

Buses proceed from Cecil Road departing to Church Street. Set down in Cecil Road, at stop X (BP4976 - Enfield Town / Cecil Road, Last Stop on LOR: BP4976 - Enfield Town / Cecil Road) and pick up in Church Street, at Stop E (14997 - Enfield Town / Church Street, First Stop on LOR: 14997 - Enfield Town / Church Street).

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

CARTERHATCH, CARTERHATCH LANE

Private stand for four buses in bus parking area on north west corner of roundabout at junction of Carterhatch Road and Linwood Crescent.

From Brimsdown Station.

Buses proceed from Carterhatch Lane via Bus Standing Area to stand, departing via Bus Standing Area and Linwood Crescent to Carterhatch Lane. Set down in Carterhatch Lane, at Stop C (35858 - Baynes Close, Last Stop on LOR: 35858 - Baynes Close) and pick up in Carterhatch Lane, at Stop M (35850 - Baynes Close, First Stop on LOR: 35850 - Baynes Close).

From Edmonton Green Station.

Buses proceed from Carterhatch Lane via Bus Standing Area to stand, departing via Bus Standing Area and Linwood Crescent to Carterhatch Lane. Set down in Carterhatch Lane, at Stop L (34364 - Linwood Road, Last Stop on LOR: 34364 - Linwood Road) and pick up in Carterhatch Lane, at Stop D (R0436 - Ladysmith Road, First Stop on LOR: R0436 - Ladysmith 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:	Carterhatch.

ENFIELD HIGHWAY, RED LION

Public stand for two buses on south side of Palmers Lane, commencing 34 metres west of the western kerbline of Hertford Road and extending 20 metres east.

From Brimsdown Station.

Buses proceed from Hertford Road via Palmers Lane to stand, departing via Palmers Lane and Pitfield Way to Hertford Road. Set down in Hertford Road, at Stop N (12258 - Ingersoll Road, Last Stop on LOR: 12258 - Ingersoll Road) and pick up in Hertford Road, at Stop E (12257 - Ingersoll Road, First Stop on LOR: 12257 - Ingersoll Road).

From Edmonton Green Station.

Buses proceed from Hertford Road via Palmers Lane to stand, departing via Palmers Lane and Pitfield Way to Hertford Road. Set down in Hertford Road, at Stop EM (12264 - Oatlands Road, Last Stop on LOR: 12264 - Oatlands Road) and pick up in Hertford Road, at Stop EA (12265 - Oatlands Road, First Stop on LOR: 12265 - Oatlands 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:	Enfield Highway.

BRIMSDOWN STATION

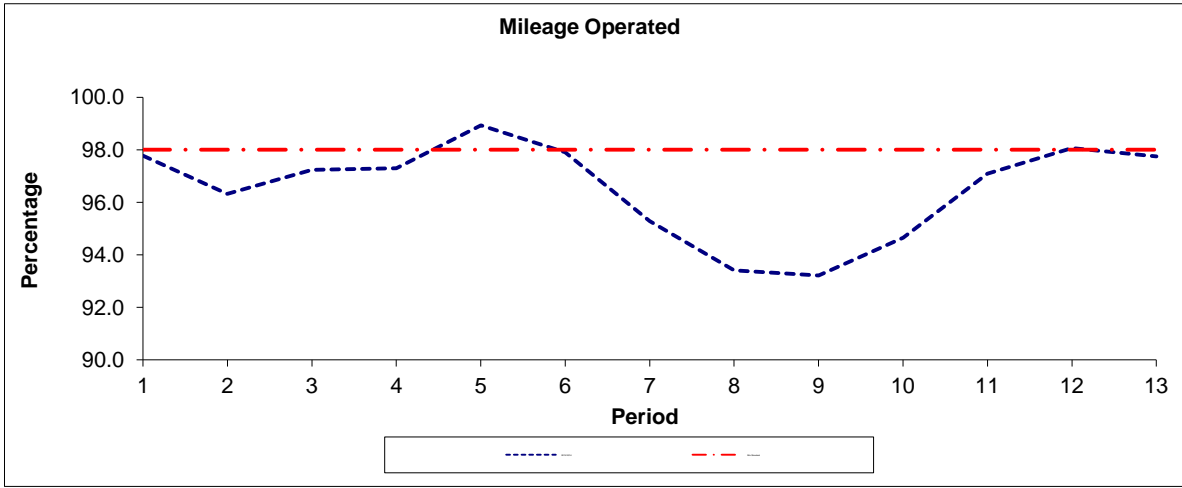
Private stand for up to 4 buses in Bus Parking Area on south side of Green Street at junction with Enstone Road.

Buses proceed from Brimsdown Avenue via Green Street, Enstone Road and Bus Parking Area to stand, departing via Bus Parking Area to Green Street. Set down in Brimsdown Avenue, at Stop K (26975 - Brimsdown Station #, Last Stop on LOR: 26975 - Brimsdown Station #) and pick up in Green Street, at Stop D (20258 - Brimsdown Station #, First Stop on LOR: 20258 - Brimsdown Station #).

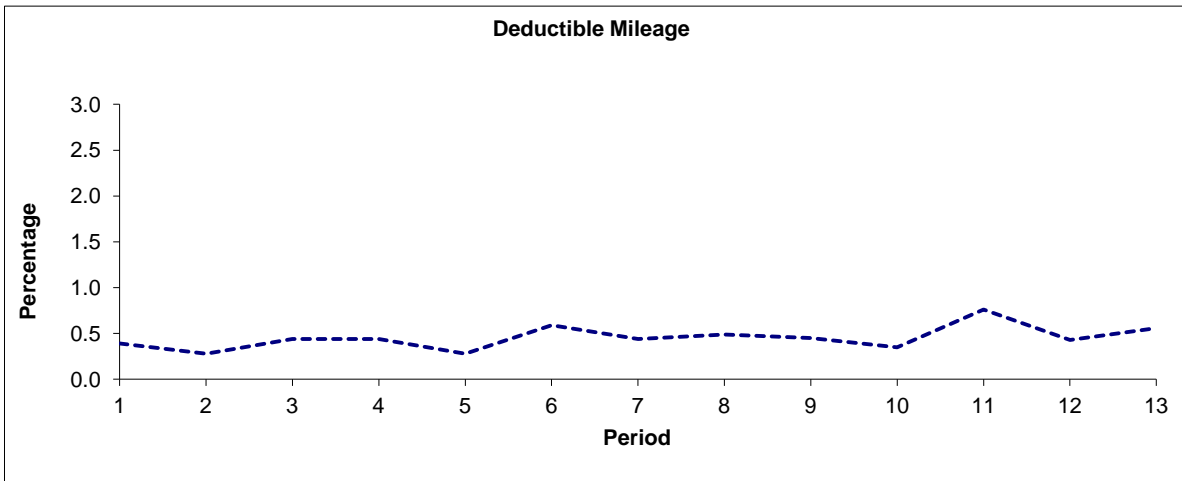
AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 191 should be scheduled to stand at any one time.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Brimsdawn.
OTHER INFORMATION:	Toilet facilities available 0700-2230 daily at McDonalds.

PART B - PERFORMANCE STATISTICS

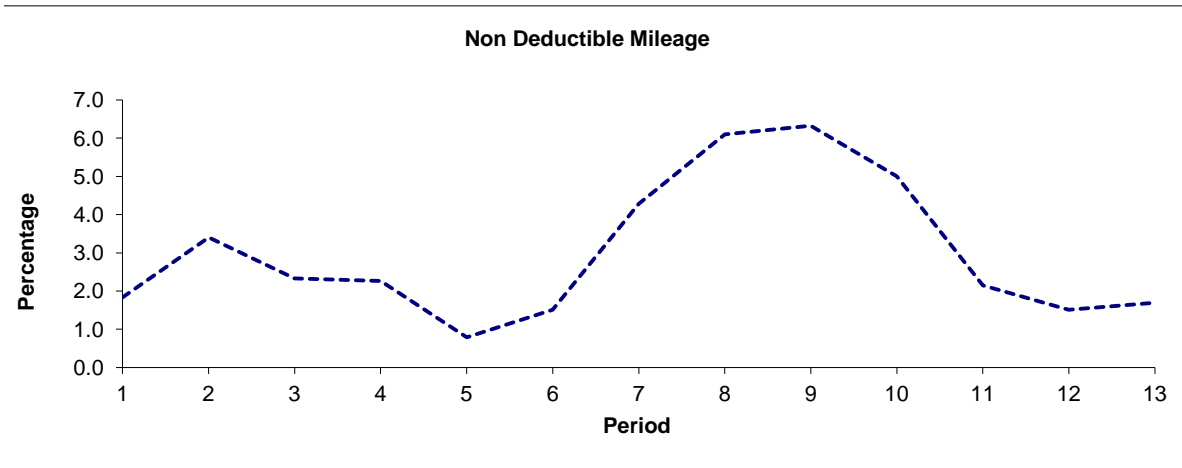
Route 191



Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2013/2014	97.77	96.32	97.23	97.30	98.93	97.90	95.28	93.41	93.22	94.65	97.09	98.06	97.75
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	1	2	3	4	5	6	7	8	9	10	11	12	13
2013/2014	0.39	0.28	0.44	0.44	0.28	0.59	0.44	0.49	0.45	0.35	0.76	0.43	0.56

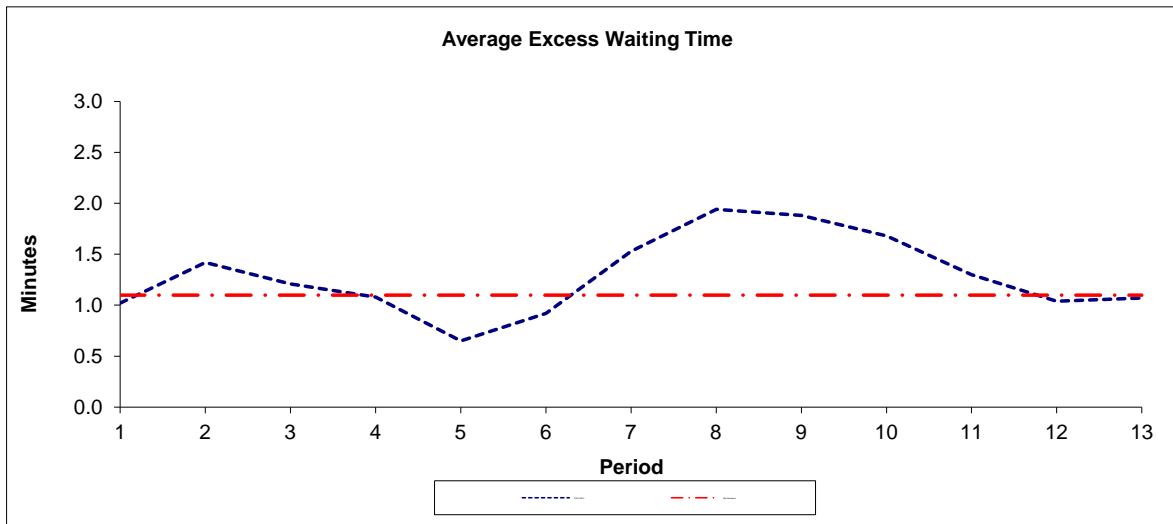


Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2013/2014	1.84	3.40	2.33	2.26	0.79	1.51	4.28	6.10	6.33	5.00	2.15	1.51	1.69

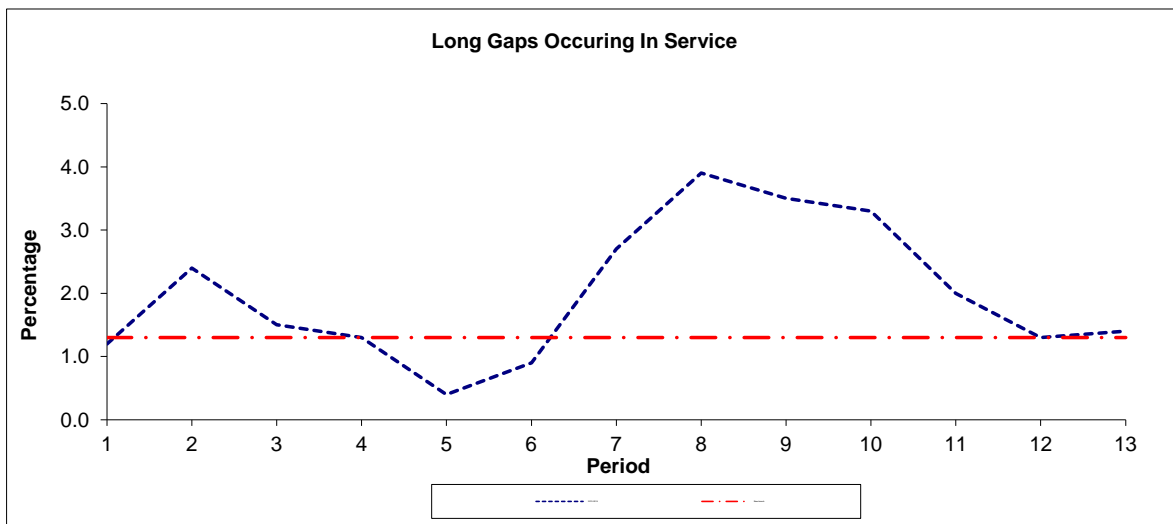
Note : Mileage is based on 4 weeks data

PART B - PERFORMANCE STATISTICS

Route 191



Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2013-2014	1.02	1.42	1.21	1.08	0.65	0.92	1.53	1.94	1.88	1.68	1.30	1.04	1.07
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	1	2	3	4	5	6	7	8	9	10	11	12	13
2013-2014	1.20	2.40	1.50	1.30	0.40	0.90	2.70	3.90	3.50	3.30	2.00	1.30	1.40
Benchmark	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30

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

**ROUTE 191 - FULL iBUS RESULTS BY TIME OF DAY
QUARTER 1 13/14 TO QUARTER 4 13/14 (01/04/13 - 31/03/14)**

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	19,675.	97.7	8.68	0.33	9.02	69.1	27.6	3.1	0.2	1.2	50
0700 - 1000	70,247.	96.4	4.99	1.24	6.23	81.5	16.6	1.7	0.3	1.9	50
1000 - 1300	68,681.	97.5	5.00	0.96	5.95	83.3	15.7	0.9	0.1	1.0	72
1300 - 1600	71,169.	93.9	4.91	1.41	6.32	79.4	18.0	2.1	0.4	2.6	58
1600 - 1900	69,131.	94.3	4.90	1.89	6.79	77.6	19.3	2.6	0.5	3.4	101
1900 - 2200	44,554.	98.0	7.54	1.25	8.79	59.8	32.0	6.7	1.6	1.8	79
2200 - 2400	22,833.	100.3	9.83	1.01	10.83	51.2	39.4	8.0	1.4	0.2	91
Summary	366,290.	96.2	5.56	1.35	6.91	76.3	20.5	2.8	0.5	2.2	101

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	3,176.	100.5	10.11	0.40	10.50	55.6	37.2	6.2	1.0	1.3	49
0700 - 1000	10,630.	97.0	7.13	0.67	7.80	72.0	25.2	2.6	0.2	0.1	50
1000 - 1300	14,329.	93.7	5.00	1.23	6.23	80.5	17.2	1.8	0.4	2.2	51
1300 - 1600	14,024.	91.9	5.01	1.97	6.98	76.0	20.3	2.8	0.9	3.7	63
1600 - 1900	13,179.	97.5	5.29	1.33	6.62	77.8	19.4	2.3	0.5	2.4	67
1900 - 2200	7,584.	99.9	9.19	0.74	9.93	52.3	39.6	7.2	0.8	0.4	58
2200 - 2400	4,693.	98.6	9.75	0.57	10.32	51.4	40.9	7.3	0.4	0.0	41
Summary	67,615.	95.9	6.17	1.26	7.43	72.5	23.7	3.3	0.6	2.0	67

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	1,457.	102.7	10.00	0.15	10.15	63.9	31.8	4.1	0.3	1.7	40
0700 - 1000	8,786.	99.0	8.42	0.39	8.81	60.9	36.3	2.7	0.1	0.0	41
1000 - 1300	10,339.	97.9	7.45	0.53	7.98	65.1	32.6	2.1	0.1	0.1	44
1300 - 1600	9,988.	97.0	7.50	1.22	8.72	61.8	32.9	4.4	0.8	0.8	62
1600 - 1900	9,488.	99.9	7.77	0.69	8.46	61.8	35.3	2.6	0.3	0.3	54
1900 - 2200	7,749.	98.2	9.80	0.72	10.52	49.6	40.3	9.0	1.1	0.1	52
2200 - 2400	5,019.	102.1	9.91	0.47	10.38	51.9	41.5	6.3	0.3	0.0	47
Summary	52,826.	98.9	8.16	0.74	8.90	60.0	35.4	4.1	0.5	0.3	62

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	24,308.	98.4	8.89	0.34	9.22	67.4	28.8	3.5	0.3	1.2	50
0700 - 1000	89,663.	96.7	5.32	1.15	6.48	79.7	18.2	1.8	0.2	1.6	50
1000 - 1300	93,349.	97.0	5.26	0.95	6.21	80.9	17.8	1.2	0.2	1.1	72
1300 - 1600	95,181.	93.9	5.18	1.48	6.66	77.2	19.8	2.5	0.5	2.6	63
1600 - 1900	91,798.	95.4	5.20	1.72	6.92	76.2	20.7	2.6	0.5	3.0	101
1900 - 2200	59,887.	98.3	7.99	1.13	9.11	57.8	33.8	7.0	1.5	1.4	79
2200 - 2400	32,545.	100.3	9.83	0.88	10.71	51.3	39.9	7.7	1.1	0.2	91
Summary	486,731.	96.5	5.87	1.29	7.15	74.4	22.2	2.9	0.5	2.0	101

Transport for London - QSI Points and Live Mileage List

Route 191
 Service change 34278
 Date 29/06/2013

Reason for Issue

Version Detail

QSI Points are highlighted.

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
EDMGBSC	BP4953	Edmonton Green Bus Station		
	34148	Monmouth Road	175	0.11
	27960	Bounces Road	170	0.11
	27746	St Edmunds Catholic Primary School	182	0.11
	27744	Chester Road	246	0.15
	BP2382	Exeter Road	205	0.13
BNCRMR	33498	Montagu Road	175	0.11
	33496	St Mary's Road	378	0.23
	33495	Shirley Grove	491	0.31
	33493	Scarborough Road	358	0.22
	9359	Nightingale Road	367	0.23
	12281	Orchard Road	264	0.16
	70343	Falcon Road	541	0.34
PONDSN	BP5727	Ponders End Stn / Oasis Academy Hadley	262	0.16
	70345	Scotland Green Road	503	0.31
	70347	Alexandra Road	319	0.20
	20243	Scotland Green Road	173	0.11
	20242	Ponders End High Street	480	0.30
E GR	13525	Glyn Road	199	0.12
	13523	Enfield Bus Garage / Southbury Station	151	0.09
	14817	Crown Road	348	0.22
	4541	Baird Road	188	0.12
	3491	Great Cambridge Road	282	0.18
	15871	Percival Road	254	0.16
	4005	Cecil Avenue	307	0.19
	15873	Ladysmith Road	389	0.24
	3489	Enfield Town Station	260	0.16
ENTNCR	BP4976	Enfield Town / Cecil Road	363	0.23
	R0433	Windmill Hill / Enfield War Memorial	789	0.49
	15877	Parsonage Lane	525	0.33
	15879	Gordon Hill	221	0.14
	15881	Lavender Hill	289	0.18
LCRDHP	15883	Browning Road	283	0.18
	15885	Baker Street	373	0.23
	15886	Kenilworth Crescent	369	0.23
	34363	Forty Hill	269	0.17
	34341	Willow Road	395	0.25
	34364	Linwood Road	519	0.32
CARTCL	35850	Baynes Close	187	0.12
	35859	Great Cambridge Road	191	0.12
	35861	Larksfield Grove	492	0.31
	35863	Sherborne Avenue	178	0.11
	12264	Oatlands Road	243	0.15
ENHWRL	12260	Durants School	231	0.14
	12257	Ingersoll Road	242	0.15
	35868	Hertford Road	400	0.25
	35857	Albany Park Avenue	234	0.15
	35867	Castle Road	419	0.26
	35851	Leys Road East	274	0.17
	35853	Fouracres	336	0.21
BRIMSN	26975	Brimsdown Station	479	0.30
Total Route Mileage - Out Direction			15968	9.92
			15968	9.92

TRANCHE 477

Mileage Update

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
BRIMSN	20258	Brimsgate Station		
	35854	Fouracres	484	0.30
	35852	Leys Road East	343	0.21
	35856	Castle Road	397	0.25
	35865	Albany Park Avenue	398	0.25
	35866	Hertford Road	231	0.14
	12258	Ingersoll Road	297	0.18
ENHWRL	12265	Oatlands Road	446	0.28
	12261	Carterhatch Lane	169	0.11
	35864	Sherborne Avenue	185	0.11
	35862	Larksfield Road	277	0.17
	35860	Great Cambridge Road	336	0.21
CARTCL	35858	Baynes Close	222	0.14
	R0436	Ladysmith Road	310	0.19
	34342	Willow Road	356	0.22
	34365	Forty Hill	385	0.24
	15887	Kenilworth Crescent	361	0.22
	15884	Baker Street	310	0.19
LCRDHP	15882	Browning Road	234	0.15
	15880	Lavender Hill	459	0.29
	15878	Gordon Hill	151	0.09
	15876	Parsonage Lane	332	0.21
	15874	Windmill Hill / Enfield War Memorial	537	0.33
ENTNMP	14997	Enfield Town / Church Street	484	0.30
	3490	Enfield Town Station	305	0.19
	15872	Ladysmith Road	312	0.19
	4004	Cecil Avenue	269	0.17
	15870	Percival Road	334	0.21
	3492	Great Cambridge Road	274	0.17
	13521	Baird Road	317	0.20
	14816	Crown Road	218	0.14
E GR	13522	Glyn Road	472	0.29
	BP2617	Royal British Legion	449	0.28
	20244	Alexandra Road	163	0.10
	BP5223	Durants Road	184	0.11
	70346	Scotland Green Road	307	0.19
PONDSN	70349	Ponders End Station	505	0.31
	70344	Oasis Academy Hadley	158	0.10
	BP850	St Matthew's Church	386	0.24
	12284	Orchard Road	482	0.30
	9360	Nightingale Road	207	0.13
	33492	Scarborough Road	357	0.22
	33394	Shirley Grove	352	0.22
	33497	St Mary's Road	305	0.19
BNCRMR	27740	Warley Road	521	0.32
	27741	Exeter Road	183	0.11
	27743	Chester Road	246	0.15
	27745	St Edmunds Catholic Primary School	233	0.14
	BP3445	Monmouth Road	177	0.11
EDMGBSE	BP4955	Edmonton Green Bus Station	351	0.22
Total Route Mileage - Back Direction			15771	9.80
			15771	9.80