

## 7. Service Specification

Route: E9

Contract Reference: QC73102

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 unless otherwise specified.

<b>Route Number</b>	E9
<b>Terminus Points</b>	Barnhill Estate, Welbeck Avenue and Ealing Broadway, Haven Green, Stop A/E
<b>Contract Basis</b>	Incentivised
<b>Commencement Date</b>	28 <sup>th</sup> May 2021
<b>Vehicle Type</b>	87 capacity, dual door, double deck vehicles
<b>Current Maximum Approved Dimensions</b>	10.2 metres long and 2.55 metres wide
<b>New Vehicles Mandatory</b>	Yes
<b>Hybrid Price Required</b>	Yes
<b>Electric Price Required</b>	<b>Yes - Please note</b>
<b>Sponsored Route</b>	No
<b>Advertising Rights</b>	Operator
<b>Minimum Performance Standard</b>	Average Excess Wait Time - No more than 1.00 minutes
<b>Extension Threshold</b>	Average Excess Wait Time Threshold - 0.90 minutes
<b>Minimum Operated Mileage Standard</b>	No less than 98%

The Date of Tender for this ITT is: No later than 12 Noon on Tuesday 14<sup>th</sup> July 2020.

*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. E9.

Tenderers should note that there are no changes proposed as part of this Service Specification for Route No. E9.

### **Operators should provide the following prices:**

1. Annual diesel-electric hybrid price - based on minimum 5 year contract.
2. Annual electric price - based on a minimum 5 year contract. Tenderers should outline the strategy they would adopt for recharging these vehicles, together with any other operational and infrastructure assumptions, within the tender submission.

**Tenderers are encouraged to offer alternative vehicle options in accordance with Part 9 of their tender, including but not limited to:**

1. Alternative Zero Emission vehicles (e.g. hydrogen).
2. Vehicles that offer genuine increased capacity and are certified as such.
3. Existing vehicles. Costs must include upgrading to EURO VI Emissions Standards where required. Please note that existing diesel vehicles will **NOT** be considered for routes which are already operated by hybrids.

**If submitting bids based on electric vehicles, Tenderers are reminded of the revised charging equipment specification requirements applicable from Tranche 726.**

**The welfare of bus drivers during their working day is essential, and appropriate locations for sign-on and sign-off as well as meal reliefs should be identified within the bid. These locations should have appropriate facilities available for drivers at the beginning and end of shifts to carry out their duties (including fitness for duty). For breaks and periods of rest between work there should be appropriate toilet provision (including the availability, condition and cleanliness of the facilities) and suitable locations to take a break. Whilst the obligation to provide suitable facilities remains with the bus operator, if there are any risks in not being able to supply these, the bus operator must make TfL aware in their tender or at any later stage when this becomes apparent.**

### 3) SCHEDULE REQUIREMENTS & PINCHPOINTS

#### 3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Barnhill Estate, Welbeck Avenue to Ealing Broadway, Haven Green, Stop A			Ealing Broadway, Haven Green, Stop E to Barnhill Estate, Welbeck Avenue		
First departure no later than 0450.			First departure no later than 0530.		
0445 - 0605	Every 15 minutes		0525 - 0630	Every 15 minutes	
0606 - 1905	Every 12 minutes		0631 - 1955	Every 12 minutes	
1906 - 2020	Every 15 minutes		1956 - 2040	Every 15 minutes	
2021 - 0025	Every 20 minutes		2041 - 0045	Every 20 minutes	
Last departure no earlier than 0020.			Last departure no earlier than 0040.		
<b>Pinchpoints</b>					
Greenford, Red Lion	0700 - 0900	12 minutes	Ruislip Road, Ferrymead Avenue	0700 - 0900	12 minutes
	1505 - 1630	12 minutes		1510 - 1635	12 minutes

#### 3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Barnhill Estate, Welbeck Avenue to Ealing Broadway, Haven Green, Stop A			Ealing Broadway, Haven Green, Stop E to Barnhill Estate, Welbeck Avenue		
First departure no later than 0450.			First departure no later than 0530.		
0445 - 0550	Every 30 minutes		0525 - 0600	Every 30 minutes	
0551 - 0650	Every 20 minutes		0601 - 0700	Every 20 minutes	
0651 - 0750	Every 15 minutes		0701 - 0745	Every 15 minutes	
0751 - 1750	Every 12 minutes		0746 - 1745	Every 12 minutes	
1751 - 1920	Every 15 minutes		1746 - 1900	Every 15 minutes	
1921 - 0025	Every 20 minutes		1901 - 0045	Every 20 minutes	
Last departure no earlier than 0020.			Last departure no earlier than 0040.		
<b>Pinchpoints</b>					
Greenford, Red Lion	0905 - 1105	12 minutes	Ruislip Road, Ferrymead Avenue	0905 - 1105	12 minutes

**3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued**

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

Barnhill Estate, Welbeck Avenue to Ealing Broadway, Haven Green, Stop A		Ealing Broadway, Haven Green, Stop E to Barnhill Estate, Welbeck Avenue			
First departure no later than 0450.		First departure no later than 0530.			
0445 - 0820	Every 30 minutes	0525 - 0900	Every 30 minutes		
0821 - 0025	Every 20 minutes	0901 - 0045	Every 20 minutes		
Last departure no earlier than 0020.		Last departure no earlier than 0040.			
<b>Pinchpoints</b>					
Greenford, Red Lion	1000 - 1140	20 minutes	Ruislip Road, Ferrymead Avenue	1000 - 1140	20 minutes

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

#### **4) OPERATIONAL CONSIDERATIONS**

- 4.1) Route No. E9 should interwork with Route No. E7 between Greenford, Red Lion and Greenford, Drayton Bridge Road during all periods.
- 4.2) Route No. E9 can suffer from unpredictable traffic delays in the Ealing area.
- 4.3) The central section of the Elizabeth line between Paddington and Abbey Wood is expected to open in summer 2021 and the railway will operate as follows:

Paddington (Elizabeth line station) to Abbey Wood via central London.  
Liverpool Street (main line station) to Shenfield.  
Paddington (main line station) to Heathrow and Reading.

Following the opening of the central section, full services across the Elizabeth line from Reading and Heathrow in the west to Abbey Wood and Shenfield in the east will commence by mid 2022. This will connect the eastern and western sections straight through central London. There is potential for a change in passenger demand on Route No. E9 once the Elizabeth line becomes fully operational. A review, post opening of the Elizabeth line, will be undertaken if required.

#### **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 E9: Yeading, Barnhill Estate, Welbeck Avenue - Ealing Broadway, Haven Green

**Date of Structural Change:** 29 May 2021.

**Date of Service Change:** 29 May 2021.

**Reason for Issue:** New Tender.

#### **STREETS TRAVERSED**

**Towards Ealing Broadway, Haven Green:** Welbeck Avenue, Greenway, Ayles Road, Kingshill Avenue, Yeading Lane, White Hart Roundabout, Ruislip Road, The Broadway, Ruislip Road East, Argyle Road, Scotch Common, Pitshanger Lane, Woodfield Road, Eaton Rise, Castlebar Road, Haven Green (North Side), Haven Green (East Side).

**Towards Yeading, Barnhill Estate, Welbeck Avenue:** Haven Green (Diagonal), Castlebar Road, Eaton Rise, Woodfield Road, Pitshanger Lane, Scotch Common, Argyle Road, Ruislip Road East, The Broadway, Ruislip Road, White Hart Roundabout, Yeading Lane, Kingshill Avenue, Ayles Road, Greenway, Chatsworth Road, Stratford Road, Welbeck Avenue.

#### **AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS**

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

#### **BARNHILL ESTATE, WELBECK AVENUE**

Public stand for one bus on east side of Welbeck Avenue, commencing outside Barnhill Baptist Church 13 metres north of Sherwood Avenue.

Buses proceed from Welbeck Avenue direct to stand, departing to Welbeck Avenue. Set down in Welbeck Avenue (BP1636 - Welbeck Avenue, Last Stop on LOR: BP1636 - Welbeck Avenue) and pick up in Welbeck Avenue (BP1636 - Welbeck Avenue, First Stop on LOR: BP1636 - Welbeck Avenue).

<b>AVAILABILITY:</b>	At any time.
<b>OPERATING RESTRICTIONS:</b>	No more than 1 bus on Route E9 should be scheduled to stand at any one time.
<b>MEAL RELIEFS:</b>	No meal relief vehicles to stand at any time.
<b>FERRY VEHICLES:</b>	No ferry vehicles to park on stand at any time.
<b>BLIND DISPLAY:</b>	Yeading, Barnhill Estate.
<b>OTHER INFORMATION:</b>	No toilet facilities currently available.

## YEADING, WHITE HART

Public stand for one bus on south west side of Old Ruislip Road, alongside the green, commencing at a point 9 metres west of the centre of Hawtry Avenue and extending 13 metres eastwards.

### From Ealing Broadway, Haven Green.

Buses proceed from White Hart Roundabout via Ruislip Road and Old Ruislip Road to stand, departing via Old Ruislip Road, Ruislip Road and White Hart Roundabout to Ruislip Road. Set down in Hawtrey Avenue, on stand (29601 - Hawtrey Avenue, Last Stop on LOR: 14890 - Wayfarer Road) and pick up in Ruislip Road, at Stop Y (15785 - Church Road, First Stop on LOR: 15785 - Church Road).

### From Yeading, Barnhill Estate, Welbeck Avenue.

Buses proceed from Yeading Lane via White Hart Roundabout, Ruislip Road and Old Ruislip Road to stand, departing via Old Ruislip Road, Ruislip Road and White Hart Roundabout to Yeading Lane. Set down in Yeading Lane, at Stop N (14723 - Tangmere Gardens, Last Stop on LOR: 14723 - Tangmere Gardens) and pick up in Yeading Lane, at Stop L (14724 - Dilston Close, First Stop on LOR: 14724 - Dilston Close).

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:	Yeading, White Hart.



## **GREENFORD, RED LION**

Public stand for 5 buses in two sections (11 metres and 49 metres) on east side of Windmill Lane commencing 4 metres south of lamp standard No. D.C 678 and extending overall 66 metres south. Overflow stand for 3 buses in three sections (13 metres, 14 metres and 9 metres) on south side of Otter Road. First two sections commencing 1 metre west of No Entry signpost S4 and extending overall 34.5 metres east; third section commencing level with No Entry signpost S3 and extending 9 metres east.

### **From Ealing Broadway, Haven Green.**

Buses proceed from Ruislip Road East via Greenford Road, Otter Road and Windmill Lane to stand, departing via Windmill Lane and The Broadway to Ruislip Road East. Set down in Ruislip Road East, at Stop M (BP095 - Clifton Road, Last Stop on LOR: BP095 - Clifton Road) and pick up in Ruislip Road East, at Stop L (33862 - Clifton Road, First Stop on LOR: 33862 - Clifton Road).

### **From Yeading, Barnhill Estate, Welbeck Avenue.**

Buses proceed from The Broadway via Greenford Road, Otter Road and Windmill Lane to stand, departing via Windmill Lane to The Broadway. Set down in The Broadway, at Stop J (2031 - Greenford Broadway, Last Stop on LOR: 2031 - Greenford Broadway) and pick up in The Broadway, at Stop N (2032 - Greenford Broadway, First Stop on LOR: 2032 - Greenford Broadway).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	Unscheduled curtailments only.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Greenford Broadway.
OTHER INFORMATION:	Stand 2 is for use only if stand 1 is full. Engines must be switched off on stand.

## **EALING, SCOTCH COMMON (from Yeading, Barnhill Estate, Welbeck Avenue)**

Buses proceed from Argyle Road via Scotch Common, Circumnavigate Roundabout At Junction With Kent Gardens and Scotch Common departing to Argyle Road. Set down in Argyle Road, at Stop AB (15681 - Scotch Common, Last Stop on LOR: 15681 - Scotch Common) and pick up in Argyle Road, at Stop AH (20388 - Scotch Common, First Stop on LOR: 20388 - Scotch Common).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	<b>Turning Point Only - Buses must not stand</b>
BLIND DISPLAY:	West Ealing, Scotch Common.

## **EALING BROADWAY, HAVEN GREEN, STAND X2**

Public stand for 1 bus at Alighting Point X2 on east side of Haven Green outside No. 38 The Parade.

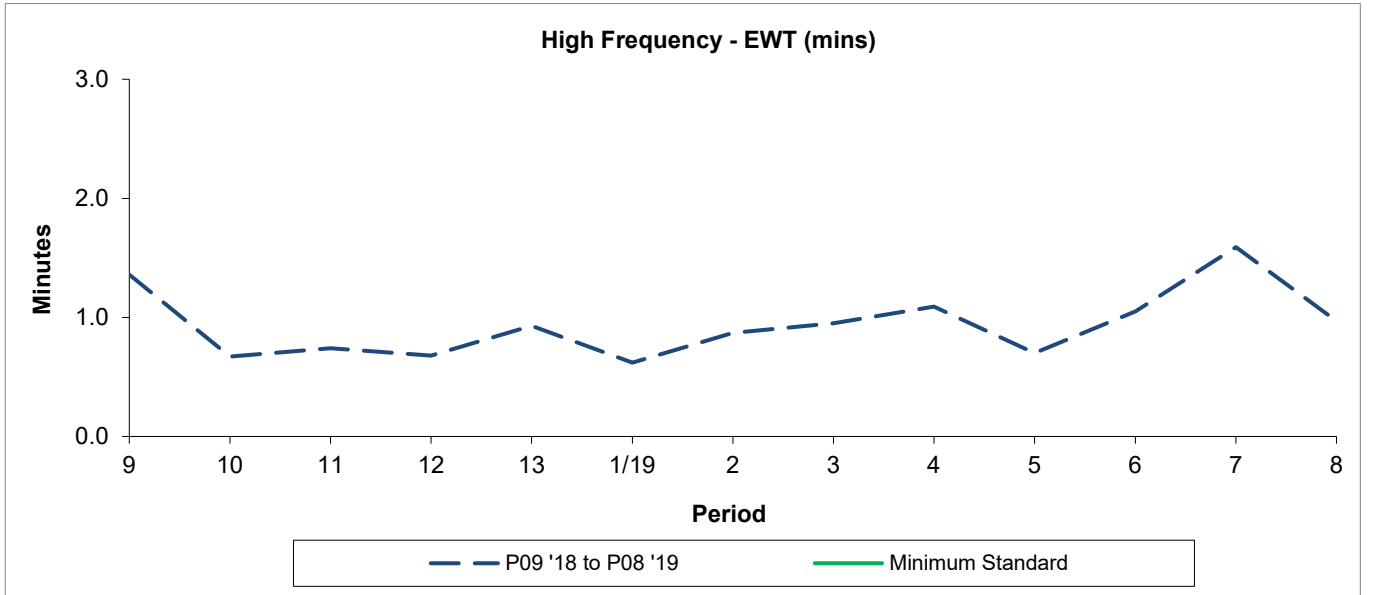
Buses proceed from Haven Green (East Side) direct to stand, departing via Haven Green (East Side) to Haven Green (Diagonal). Set down in Haven Green (east Side), at stop A (BP1008 - Ealing Broadway Stn <> # / Haven Green, Last Stop on LOR: BP1008 - Ealing Broadway Stn <> # / Haven Green) and pick up in Haven Green (diagonal), at Stop E (CW25 - Haven Grn / Ealing Broadway Stn <> #, First Stop on LOR: CW25 - Haven Grn / Ealing Broadway Stn <> #).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 bus on Route E9 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:	LUL toilet facilities available 0600-2200 daily.

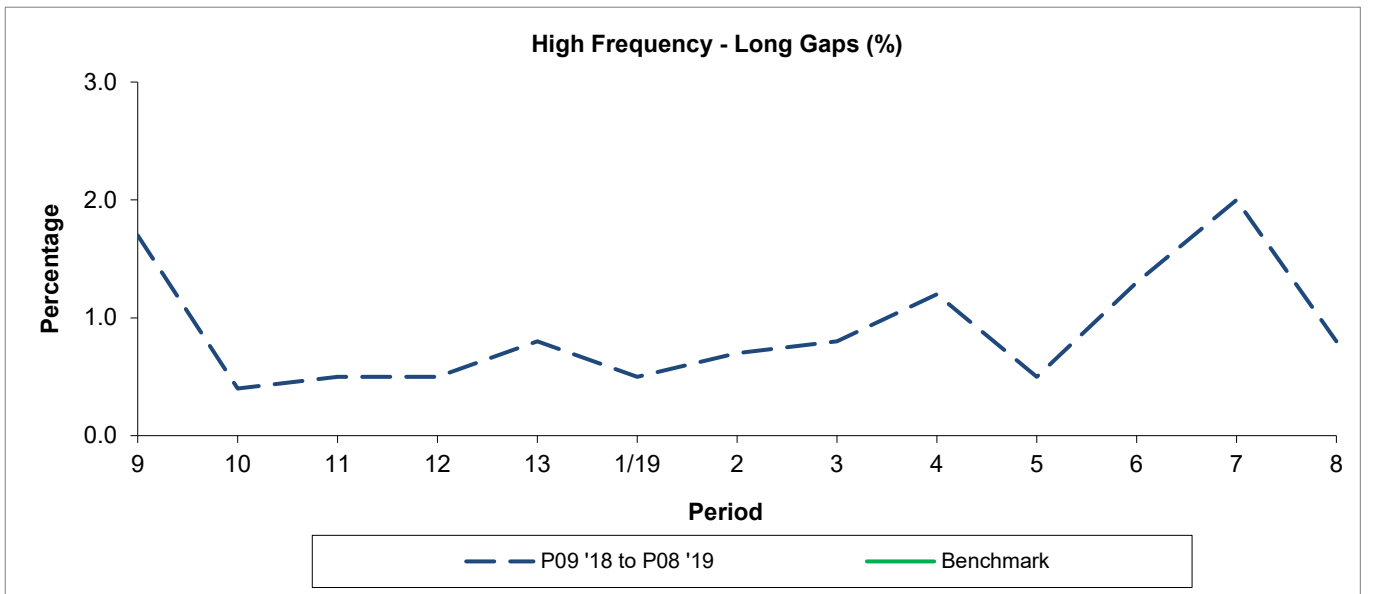
Period Trend Performance Graphs

# Route E9

**Reliability Performance**



Period	9	10	11	12	13	1/19	2	3	4	5	6	7	8
P09 '18 to P08 '19	1.36	0.67	0.74	0.68	0.93	0.62	0.87	0.95	1.09	0.70	1.05	1.59	0.97
Minimum Standard													



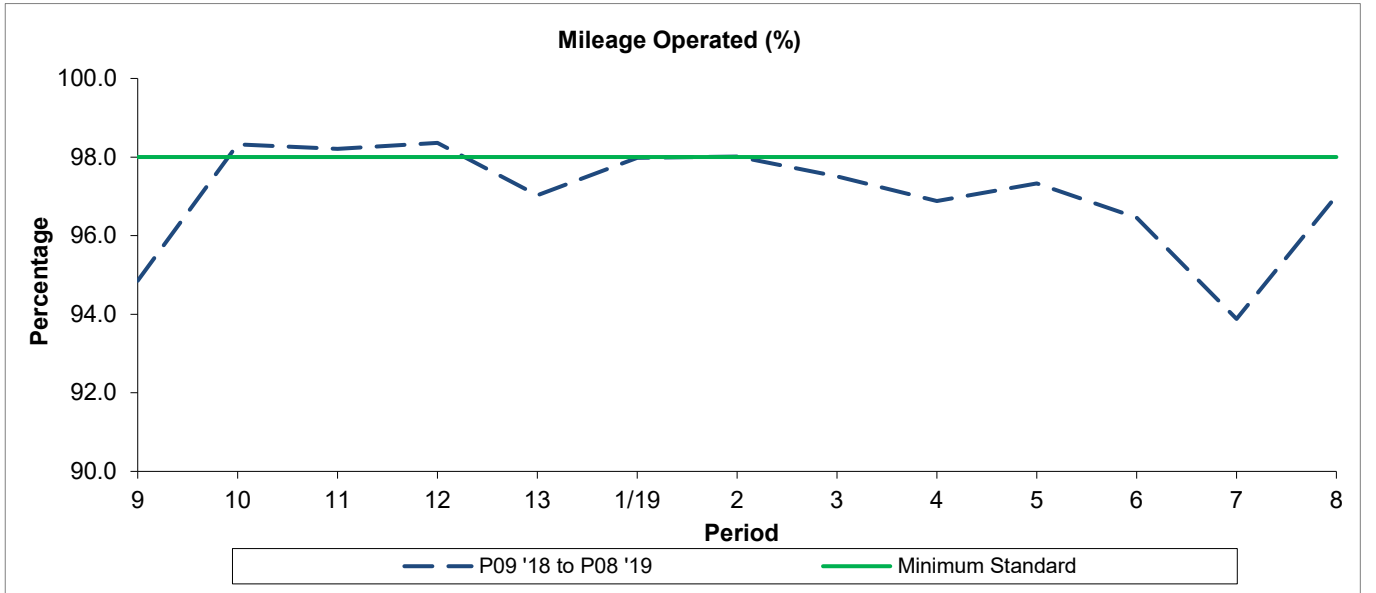
Period	9	10	11	12	13	1/19	2	3	4	5	6	7	8
P09 '18 to P08 '19	1.70	0.40	0.50	0.50	0.80	0.50	0.70	0.80	1.20	0.50	1.30	2.00	0.80
Benchmark													

Minimum Standards and Benchmarks are those applicable under the new contract.

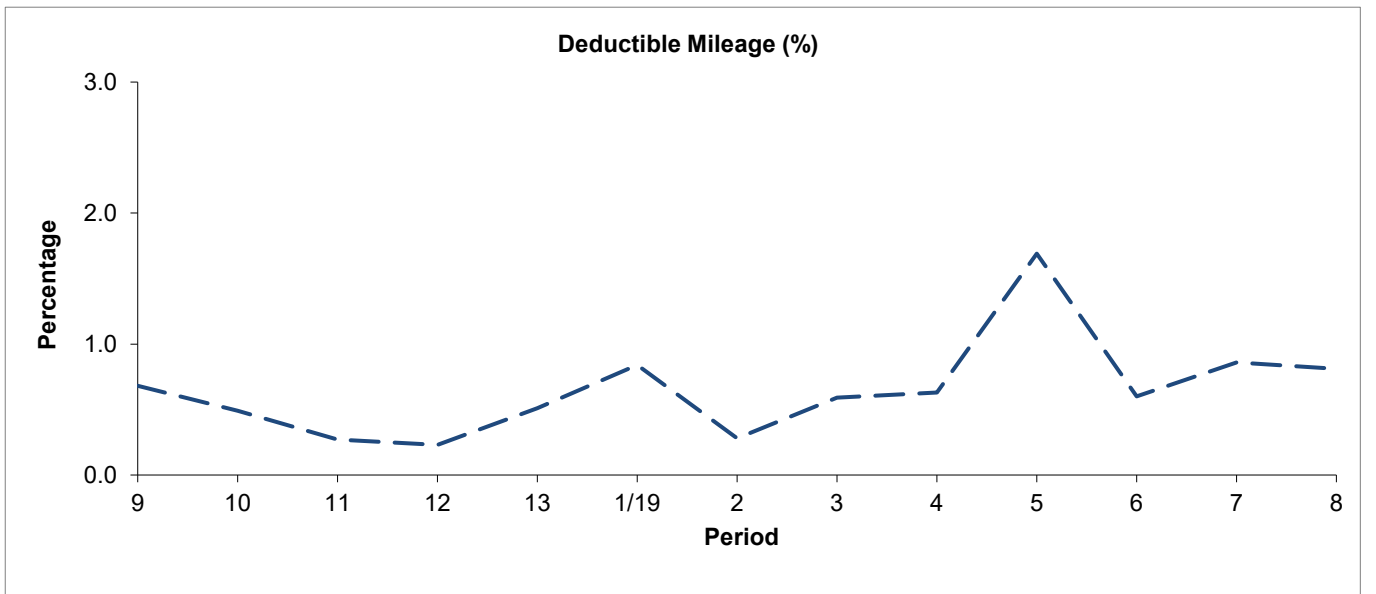
Period Trend Performance Graphs

# Route E9

**Mileage Performance**



Period	9	10	11	12	13	1/19	2	3	4	5	6	7	8
P09 '18 to P08 '19	94.85	98.32	98.21	98.36	97.03	97.98	98.01	97.51	96.88	97.33	96.46	93.88	97.01
Minimum 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

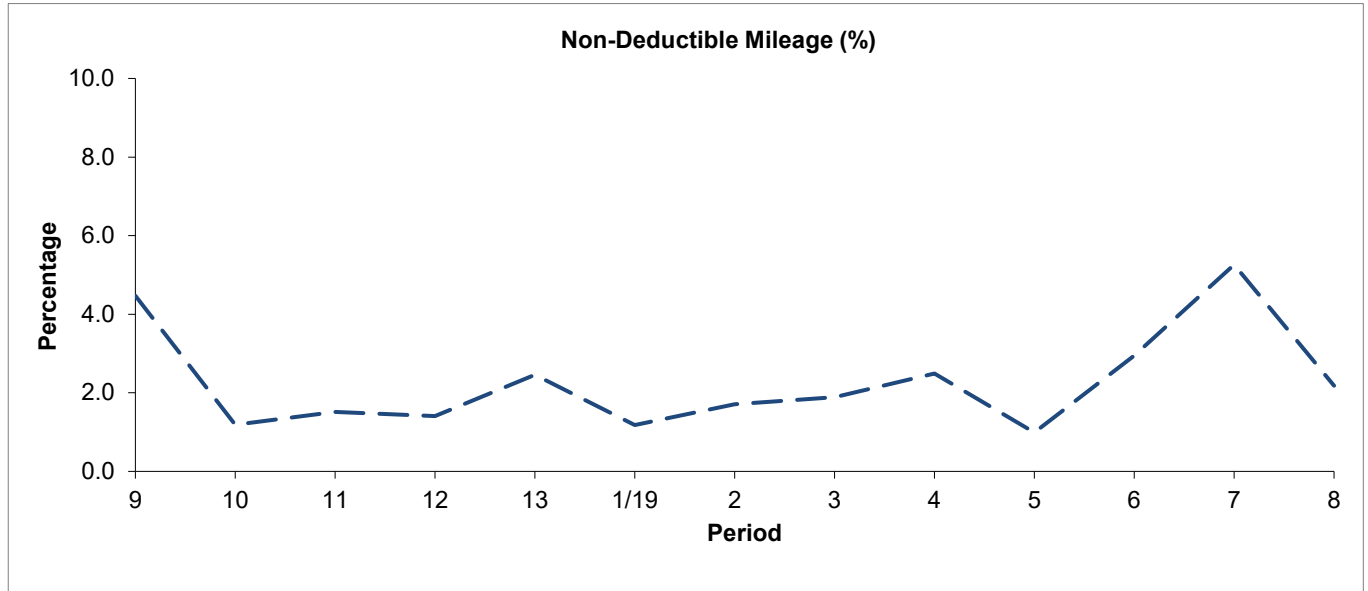


Period	9	10	11	12	13	1/19	2	3	4	5	6	7	8
P09 '18 to P08 '19	0.68	0.49	0.27	0.23	0.51	0.84	0.28	0.59	0.63	1.69	0.60	0.86	0.81

Period Trend Performance Graphs

# Route E9

**Mileage Performance**



Period	9	10	11	12	13	1/19	2	3	4	5	6	7	8
P09 '18 to P08 '19	4.47	1.19	1.51	1.41	2.46	1.18	1.71	1.89	2.49	0.99	2.95	5.26	2.18

Mileage Performance figures are based on four weeks data

**ROUTE E9 - FULL IBUS RESULTS BY TIME OF DAY**  
**QUARTERS 03/18 to 02/19 (15/09/2018 to 13/09/2019)**

**MONDAY - FRIDAY**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	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)
05:00 - 07:00	23,815	22,851	96.0	6.91	0.38	7.29	75.8	23.6	0.6	0.0	0.3	35.0
07:00 - 10:00	48,770	47,081	96.5	5.91	0.96	6.87	76.0	21.7	2.0	0.3	1.0	53.1
10:00 - 13:00	48,178	47,047	97.7	5.97	0.68	6.65	77.7	21.0	1.1	0.2	0.6	58.3
13:00 - 16:00	47,713	45,549	95.5	6.04	0.94	6.98	74.8	23.1	1.7	0.3	0.8	71.2
16:00 - 19:00	48,189	44,186	91.7	5.97	1.48	7.44	71.7	25.2	2.7	0.4	1.4	65.4
19:00 - 22:00	37,792	38,518	101.9	7.35	0.61	7.96	65.9	30.5	3.3	0.3	0.6	70.8
22:00 - 24:00	18,972	19,095	100.6	10.00	0.12	10.12	50.4	45.4	4.1	0.1	0.0	59.3
<b>All Locations Summary</b>	<b>273,429</b>	<b>264,327</b>	<b>96.7</b>	<b>6.32</b>	<b>0.94</b>	<b>7.25</b>	<b>72.9</b>	<b>24.6</b>	<b>2.1</b>	<b>0.3</b>	<b>0.9</b>	<b>71.2</b>

**SATURDAY**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	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)
05:00 - 07:00	3,005	2,972	98.9	12.53	0.23	12.77	54.5	34.5	10.0	1.0	3.1	62.2
07:00 - 10:00	9,603	9,407	98.0	6.27	0.38	6.66	77.9	21.6	0.5	0.0	0.1	31.0
10:00 - 13:00	10,050	9,704	96.6	6.01	0.63	6.64	76.7	22.1	1.0	0.1	0.4	39.7
13:00 - 16:00	10,005	9,141	91.4	6.00	1.66	7.66	70.5	25.4	3.6	0.5	1.8	52.0
16:00 - 19:00	9,510	9,266	97.4	6.31	0.96	7.27	72.0	25.7	2.1	0.2	0.6	42.8
19:00 - 22:00	6,171	6,366	103.2	9.43	0.16	9.60	53.1	41.2	5.4	0.3	0.0	43.8
22:00 - 24:00	3,972	3,981	100.2	10.00	0.23	10.23	50.2	45.1	4.4	0.3	0.0	46.2
<b>All Locations Summary</b>	<b>52,316</b>	<b>50,837</b>	<b>97.2</b>	<b>6.96</b>	<b>0.83</b>	<b>7.79</b>	<b>69.1</b>	<b>27.8</b>	<b>2.8</b>	<b>0.3</b>	<b>0.7</b>	<b>62.2</b>

**SUNDAY AND BANK HOLIDAYS**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	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)
05:00 - 07:00	2,577	2,557	99.2	14.94	0.30	15.24	39.1	29.6	28.3	3.0	3.1	60.6
07:00 - 10:00	5,141	5,140	100.0	13.19	0.15	13.34	41.6	39.4	17.1	1.9	0.0	68.8
10:00 - 13:00	6,684	6,578	98.4	9.90	0.52	10.42	49.4	43.0	6.8	0.8	0.2	54.3
13:00 - 16:00	6,708	6,441	96.0	9.91	1.08	10.98	48.3	39.9	9.9	2.0	0.5	72.2
16:00 - 19:00	6,853	6,629	96.7	9.79	0.89	10.68	50.0	41.2	7.1	1.6	0.5	76.6
19:00 - 22:00	6,631	6,671	100.6	9.99	0.25	10.23	50.5	44.0	5.1	0.5	0.0	54.2
22:00 - 24:00	4,437	4,460	100.5	10.00	0.14	10.14	50.3	45.8	3.7	0.2	0.0	59.6
<b>All Locations Summary</b>	<b>39,031</b>	<b>38,476</b>	<b>98.6</b>	<b>10.36</b>	<b>0.64</b>	<b>11.00</b>	<b>48.4</b>	<b>41.4</b>	<b>8.9</b>	<b>1.4</b>	<b>0.4</b>	<b>76.6</b>

**ALL DAYS**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	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)
05:00 - 07:00	29,397	28,380	96.5	8.00	0.36	8.36	71.2	25.0	3.4	0.3	0.8	62.2
07:00 - 10:00	63,514	61,628	97.0	6.31	0.88	7.19	74.4	22.6	2.7	0.4	0.9	68.8
10:00 - 13:00	64,912	63,329	97.6	6.46	0.65	7.11	74.1	23.9	1.8	0.3	0.5	58.3
13:00 - 16:00	64,426	61,131	94.9	6.48	1.06	7.54	71.1	25.4	2.9	0.5	0.9	72.2
16:00 - 19:00	64,552	60,081	93.1	6.38	1.36	7.74	69.7	26.8	3.1	0.5	1.2	76.6
19:00 - 22:00	50,594	51,555	101.9	7.94	0.51	8.45	62.3	33.5	3.8	0.4	0.5	70.8
22:00 - 24:00	27,381	27,536	100.6	10.00	0.14	10.14	50.4	45.4	4.1	0.2	0.0	59.6
<b>All Locations Summary</b>	<b>364,776</b>	<b>353,640</b>	<b>96.9</b>	<b>6.80</b>	<b>0.89</b>	<b>7.69</b>	<b>70.0</b>	<b>26.7</b>	<b>2.9</b>	<b>0.4</b>	<b>0.8</b>	<b>76.6</b>

## Transport for London - Live Mileage List

Route: E9

Service Change: 52473

Date: 13/07/2019

Yeading, Barnhill  
Green

Reason for Issue

QSI points are highlighted.

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
BARNWA	BP1636	Welbeck Avenue		
YEADAR	BP6180	Ayles Road	472	0.29
	17221	Gurney Road	377	0.23
	16151	Kingshill Avenue	499	0.31
YEADWH	14723	Tangmere Gardens	365	0.23
	15785	Church Road	339	0.21
	14889	Wayfarer Road	364	0.23
	20494	Broadmead Road	462	0.29
	15787	Adrienne Avenue	377	0.23
RSRDFM	15789	Greenford High School	343	0.21
	15791	Eastmead Avenue	436	0.27
	15300	Pembroke Road	341	0.21
GNFDBY	2031	Greenford Broadway	380	0.24
GNFDRL	33862	Clifton Road	247	0.15
	17025	Greenford Avenue	624	0.39
	17026	Cuckoo Avenue	229	0.14
	25078	Gurnell Leisure Centre	506	0.31
RSREAR	15678	Ruislip Road East	416	0.26
	15681	Scotch Common	369	0.23
	20387	Kent Gardens	385	0.24
PHLNQW	20385	Pitshanger Library	386	0.24
	20383	St Barnabas Church	327	0.20
	20380	Fairlea Place	372	0.23
	10580	Montpelier Road	317	0.20
	15689	Marchwood Crescent	147	0.09
	15691	Castlebar Road	388	0.24
EALBHGA	BP1008	Ealing Broadway Stn / Haven Green	437	0.27
Total Route Mileage - Out Direction			9905	6.15
			Metres	Miles

Estate - Ealing Broadway, Haven	<b>Tranche 731</b>
<b>e New Contract</b>	

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
EALBHGE	CW25	Haven Grn / Ealing Broadway Stn		
	15690	Castlebar Road	283	0.18
	15688	Marchwood Crescent	369	0.23
	20379	Montpelier Road	216	0.13
	20381	Fairlea Place	317	0.20
	20382	St Barnabas Church	178	0.11
PHLNQW	20384	Harrow View Road	509	0.32
	20386	Kent Gardens	205	0.13
	20388	Scotch Common	543	0.34
RSREAR	15679	Ruislip Road East	271	0.17
	25079	Gurnell Leisure Centre	568	0.35
	17027	Cuckoo Avenue	321	0.20
	17024	Greenford Avenue	272	0.17
GNFDRL	BP095	Clifton Road	679	0.42
GNFDBY	2032	Greenford Broadway	257	0.16
	15299	Pembroke Road	393	0.24
	15792	Beechwood Avenue	426	0.26
RSRDFM	15790	Greenford High School	440	0.27
	15788	Adrienne Avenue	203	0.13
	20495	Broadmead Road	490	0.30
	14890	Wayfarer Road	474	0.29
YEADWH	14724	Dilston Close	728	0.45
	17219	Hughenden Gardens	320	0.20
	17220	Gurney Road	421	0.26
YEADAR	BP275	Ayles Road	248	0.15
	BP6178	Vancouver Road	377	0.23
	BP6179	Stratford Road	429	0.27
BARNWA	BP1636	Welbeck Avenue	270	0.17
Total Route Mileage - Back Direction			10207	6.34
			Metres	Miles