

## 1) SERVICE SPECIFICATION

Route: **45**

Contract Reference: **QC90005**

This Service Specification forms Section 7 of the ITT and should be read in conjunction with the ITT document, Version 2.0, dated 5th March 2021.

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 and adhere to the requirements of the Service Specification.

Terminus Points (Options 1 & 3)	Elephant & Castle and Clapham Park
Terminus Points (Option 2)	Camberwell Green and Morden Station
Contract Basis	Incentivised
Commencement Date	Saturday 01/02/2025
End Date	Friday 30/01/2032
Early Termination Date <i>Subject to minimum 10 months' notice</i>	Friday 02/02/2029
Vehicle Type	87 capacity, dual door, double deck
Current Maximum Approved Dimensions	10.4 metres long and 2.55 metres wide
New Vehicle Price Mandatory	Yes
Zero Emission Price Required	Yes
Advertising Rights	Operator
Minimum Performance Standard (Option 1)	Average Excess Wait Time - No more than 1.00 minutes
Minimum Performance Standard (Option 2)	Average Excess Wait Time - No more than 1.20 minutes
Minimum Performance Standard (Option 3)	Departing on Time - No less than 80%
Minimum Operated Mileage Standard	No less than 98.00%

The Date of Tender for this ITT is:

No later than 12 Noon on **Tuesday 27th February 2024.**

## **SERVICE SPECIFICATION**

- 1) SERVICE SPEC - ROUTE SPECIFICATION INFORMATION
- 2) NOTES
- 3) SCHEDULE REQUIREMENTS
- 4) OPERATIONAL CONSIDERATIONS
- 5) ROUTE RECORD, CURRENT PERFORMANCE, 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. 45.

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:

*Three options are proposed:*

#### Option 1

- No change to current service.

#### Option 2

- Route No. 45 is restructured to operate between Camberwell and Morden.
- Frequencies are reduced from a bus every 10 minutes (6 bph) to one every 12 minutes (5 bph) Monday to Saturday daytimes. Sunday early mornings are increased from a bus every 20 minutes (3 bph) to a bus every 15 minutes (4 bph).
- Route 118 would be withdrawn as part of this proposal.
- Route 59 would be rerouted at Brixton Hill / Streatham Hill to terminate at Clapham Park.
- **Please see Section 5 for a full list of streets traversed and standing arrangements.**

#### Option 3

- Frequencies on Route No. 45 are reduced to every 20 minutes (3 bph) at all times.

## 2) NOTES - continued

**Tenderers should provide the following prices based on a 7-year fixed term contract:**

1. Annual Zero Emission

For zero emission submissions, tenderers should outline the strategy they would adopt for recharging battery electric and/or refuelling hydrogen buses, 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. Vehicles that offer genuine increased capacity and are certified as such.
2. Existing Zero Emission vehicles, for a full seven - year contract term. Normally these would not be expected to exceed 15 years of age at contract end, however a flexible approach will be taken to acceptance of Zero Emission vehicles which may slightly exceed this limit. The early termination date would be four years from contract commencement (to the nearest Friday). Prices should include annualised refurbishment costs.
3. Existing diesel or hybrid vehicles, for a three - year contract term, which would not exceed 15 years of age at contract end. The early termination clause would not apply. Prices with and without refurbishment costs (on an annualised basis) should be provided.
4. For contracts commencing in 2024: Existing diesel or hybrid vehicles, for a six - year contract term, which would not exceed 15 years of age at contract end. The early termination date would be three years from contract commencement (to the nearest Friday). Prices should include annualised refurbishment costs. If submitting a price on this basis, tenderers must also submit a three - year price.
5. For contracts commencing in 2025: Existing diesel or hybrid vehicles, for a five - year contract term, which would not exceed 15 years of age at contract end. The early termination date would be three years from contract commencement (to the nearest Friday). Prices should include annualised refurbishment costs. If submitting a price on this basis, tenderers must also submit a three - year price.

Tenderers are reminded that Version 2.4 of the New Vehicle Specification dated March 2023 applies to all new contracts from Tranche 872 onwards.

Tenderers are also reminded that a price submitted for this Route Agreement will be subject to the revised CPA formula of 85% CPI (12 rolling months) and 15% fixed.

The welfare of bus drivers during their working day is essential and appropriate locations for sign-on/off as well as meal reliefs should be identified with 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) and suitable locations to take a break. Whilst the obligation to provide suitable facilities remains with the Tenderer, if there are any risks in not being able to supply these, the Tenderer must make LBSL aware in their bid or at any later stage when this becomes apparent.

### 3) SCHEDULE REQUIREMENTS & PINCHPOINTS

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

##### Option 1

Elephant & Castle, Southwark Bridge Road to Clapham Park, Atkins Road			Clapham Park, Atkins Road to Elephant & Castle, Southwark Bridge Road		
First departure no later than 0445.			First departure no later than 0410.		
0445 - 0605	Every 15 minutes		0410 - 0530	Every 15 minutes	
0606 - 0720	Every 12 minutes		0531 - 0630	Every 12 minutes	
0721 - 1900	Every 10 minutes		0631 - 1800	Every 10 minutes	
1901 - 2040	Every 12 minutes		1801 - 1950	Every 12 minutes	
2041 - 0105	Every 15 minutes		1951 - 0025	Every 15 minutes	
Last departure no earlier than 0105			Last departure no earlier than 0025		
<b>Pinchpoints</b>					
Loughborough Junction Station	0710 - 0740	12 minutes	Loughborough Junction Station	0710 - 0910	10 minutes
	0741 - 0900	10 minutes		1505 - 1635	10 minutes
	1505 - 1635	10 minutes			

##### Option 2

Option 2

Camberwell, Orpheus Street to Morden Station Forecourt			Morden Station Forecourt to Camberwell, Orpheus Street		
First departure no later than 0430.			First departure no later than 0340.		
0430 - 0545	Every 15 minutes		0340 - 0525	Every 15 minutes	
0546 - 1915	Every 12 minutes		0526 - 1855	Every 12 minutes	
1916 - 0120	Every 15 minutes		1856 - 0100	Every 15 minutes	
Last departure no earlier than 0120			Last departure no earlier than 0100		
<b>Pinchpoints</b>					
Streatham Station	0730 - 0925	12 minutes	Streatham Station	0710 - 0910	12 minutes
	1525 - 1655	12 minutes		1500 - 1625	12 minutes

##### Option 3

Elephant & Castle, Southwark Bridge Road to Clapham Park, Atkins Road			Clapham Park, Atkins Road to Elephant & Castle, Southwark Bridge Road		
First departure no later than 0445			First departure no later than 0410		
0445 - 0105	Every 20 minutes		0410 - 0025	Every 20 minutes	
Last departure no earlier than 0105			Last departure no earlier than 0025		
<b>Pinchpoints</b>					
Loughborough Junction Station	0710 - 0900	20 minutes	Loughborough Junction Station	0710 - 0910	20 minutes
	1505 - 1635	20 minutes		1505 - 1635	20 minutes

### 3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

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

##### Option 1

Elephant & Castle, Southwark Bridge Road to Clapham Park, Atkins Road			Clapham Park, Atkins Road to Elephant & Castle, Southwark Bridge Road		
First departure no later than 0445			First departure no later than 0410		
0445 - 0740	Every 15 minutes		0410 - 0700	Every 15 minutes	
0741 - 0950	Every 12 minutes		0701 - 0900	Every 12 minutes	
0951 - 1850	Every 10 minutes		0901 - 1800	Every 10 minutes	
1851 - 2030	Every 12 minutes		1801 - 1950	Every 12 minutes	
2031 - 0105	Every 15 minutes		1951 - 0025	Every 15 minutes	
Last departure no earlier than 0105			Last departure no earlier than 0025		
<b>Pinchpoints</b>					
Loughborough Junction Station	0930 - 1005	12 minutes	Loughborough Junction Station	0905 - 0940	12 minutes
	1006 - 1105	10 minutes		0941 - 1100	10 minutes

##### Option 2

Option 2

Camberwell, Orpheus Street to Morden Station Forecourt			Morden Station Forecourt to Camberwell, Orpheus Street		
First departure no later than 0430.			First departure no later than 0340.		
0430 - 0815	Every 15 minutes		0340 - 0755	Every 15 minutes	
0816 - 1915	Every 12 minutes		0756 - 1855	Every 12 minutes	
1916 - 0120	Every 15 minutes		1856 - 0100	Every 15 minutes	
Last departure no earlier than 0120			Last departure no earlier than 0100		
<b>Pinchpoints</b>					
Streatham Station	0910 - 1110	12 minutes	Streatham Station	0910 - 1100	12 minutes

##### Option 3

Elephant & Castle, Southwark Bridge Road to Clapham Park, Atkins Road			Clapham Park, Atkins Road to Elephant & Castle, Southwark Bridge Road		
First departure no later than 0445			First departure no later than 0410		
0445 - 0105	Every 20 minutes		0410 - 0025	Every 20 minutes	
Last departure no earlier than 0105			Last departure no earlier than 0025		
<b>Pinchpoints</b>					
Loughborough Junction Station	0930 - 1100	20 minutes	Loughborough Junction Station	0905 - 1105	20 minutes

### 3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

#### 3.3) SUNDAY AND PUBLIC HOLIDAY (EXCEPT GOOD FRIDAY AND CHRISTMAS DAY) SCHEDULE REQUIREMENTS & PINCHPOINTS

##### Option 1

Elephant & Castle, Southwark Bridge Road to Clapham Park, Atkins Road			Clapham Park, Atkins Road to Elephant & Castle, Southwark Bridge Road		
First departure no later than 0445			First departure no later than 0410		
0445 - 1005	Every 20 minutes		0410 - 0915	Every 20 minutes	
1006 - 0105	Every 15 minutes		0916 - 0025	Every 15 minutes	
Last departure no earlier than 0105			Last departure no earlier than 0025		
<b>Pinchpoints</b>					
Loughborough Junction Station	1040 - 1140	15 minutes	Loughborough Junction Station	0955 - 1140	15 minutes

##### Option 2

Camberwell, Orpheus Street to Morden Station Forecourt			Morden Station Forecourt to Camberwell, Orpheus Street		
First departure no later than 0430			First departure no later than 0340		
0430 - 0120	Every 15 minutes		0340 - 0100	Every 15 minutes	
Last departure no earlier than 0120			Last departure no earlier than 0100		
<b>Pinchpoints</b>					
Streatham Station	1030 - 1130	15 minutes	Streatham Station	1005 - 1135	15 minutes

##### Option 3

Elephant & Castle, Southwark Bridge Road to Clapham Park, Atkins Road			Clapham Park, Atkins Road to Elephant & Castle, Southwark Bridge Road		
First departure no later than 0445			First departure no later than 0410		
0445 - 0105	Every 20 minutes		0410 - 0025	Every 20 minutes	
Last departure no earlier than 0105			Last departure no earlier than 0025		
<b>Pinchpoints</b>					
Loughborough Junction Station	1040 - 1140	20 minutes	Loughborough Junction Station	0955 - 1135	20 minutes

**4) OPERATIONAL CONSIDERATIONS**

None.

**5) ROUTE RECORD, CURRENT PERFORMANCE, QSI BY TIME OF DAY, IBUS MILEAGE & QSI POINTS**

**5.1) ROUTE RECORD**

As per Adiona 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 45: Elephant & Castle - Clapham Park**

**Date of Service Change:** 9 November 2024.

### **STREETS TRAVERSED**

**Towards Clapham Park:** Newington Causeway, Elephant and Castle, Newington Butts, Walworth Road, Camberwell Road, Camberwell Green (west Side), Denmark Hill, Orpheus Street, Daneville Road, Coldharbour Lane, Gresham Road, Brixton Road, Brixton Hill, Streatham Place, Atkins Road

**Towards Elephant & Castle:** Poynders Road, Atkins Road, Streatham Place, Brixton Hill, Brixton Road, Gresham Road, Coldharbour Lane, Denmark Hill, Camberwell Green (west Side), Camberwell Road, Walworth Road, Newington Butts, Walworth Road, Newington Butts, Elephant and Castle, Newington Causeway

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

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

### **Elephant & Castle, Gaunt Street**

Two bus stand on Gaunt Street located opposite entrance to Ministry Of Sound

Buses proceed from Newington Causeway, Gaunt Street to stand, departing via Gaunt Street, Southwark Bridge Road, Borough Road to Newington Causeway.

Set down in Newington Causeway, at stop F (33624 - Elephant & Castle / Newington Causeway) and pick up in Newington Causeway, at stop G (33625 - Elephant & Castle / Newington Causeway).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 45 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:	Elephant & Castle.

### **Brixton, Stockwell Road (from Clapham Park)**

Buses proceed from Brixton Road, departing to Brixton Road.

Set down in Brixton Road, at stop T (231 - Brixton Station) and pick up in Brixton Road, at stop Q (233 - Brixton Station).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	<b>Turning Point Only - Buses must not stand</b>
BLIND DISPLAY:	Brixton.

### **Brixton, Lambeth Town Hall (effra Road) (from Elephant & Castle)**

Public stand for 3 buses on west side (offside) of Effra Road, commencing 30 metres south of lamp standard No 2498 opposite p/w Nos.9/11, and extending 30 metres north.

Buses proceed from Brixton Road, Effra Road to stand, departing via Effra Road, St Matthew's Road to Brixton Hill.

Set down in Brixton Road, at Stop P (25945 - Brixton Station) and pick up in Brixton Hill, at Stop Y (29685 - Lambeth Town Hall).

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:	Brixton.
OTHER INFORMATION:	24 Hour Stand.

### **Clapham Park, Atkins Road**

Offside public stand on the north side of Atkins Road immediately west of the junction with Kings Avenue and extending 50 metres west.

Buses proceed from Atkins Road to stand, departing via Atkins Road to Poynders Road.

Set down in Atkins Road, at Stop H (12758 - Atkins Road / New Park Road) and pick up in Poynders Road, at Stop V (12755 - Poynders Road / Kings Avenue).

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: No more than 2 buses on Route 45 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: Clapham Park, Atkins Road.

# **LONDON BUSES - ROUTE DESCRIPTION**

## **ROUTE 45: Camberwell, Orpheus Street - Morden Station Forecourt**

**Date of Service Change:** 9 November 2024.

### **STREETS TRAVERSED**

**Towards Morden Station Forecourt:** Orpheus Street, Coldharbour Lane, Gresham Road, Brixton Road, Brixton Hill, Streatham Hill, Streatham High Road, Greyhound Lane, Streatham Vale, Greyhound Terrace, Rowan Road, Manor Road, Commonside East, Commonside West, Upper Green East, London Road, Wandle Road, Morden Road, Morden Hall Road, Aberconway Road, London Road, Morden Station Forecourt

**Towards Camberwell, Orpheus Street:** London Road, Morden Hall Road Roundabout, Morden Hall Road, Morden Road, Wandle Road, London Road, Lower Green West, London Road, Upper Green East, Commonside West, Commonside East, Manor Road, Rowan Road, Greyhound Terrace, Streatham Vale, Greyhound Lane, Streatham High Road, Mitcham Lane, Ambleside Avenue, Gleneagle Road, Streatham High Road, Streatham Hill, Brixton Hill, Brixton Road, Gresham Road, Coldharbour Lane, Denmark Hill, Orpheus 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.

### **Camberwell, Orpheus Street**

Buses proceed from Orpheus Street, departing to Orpheus Street, departing to Orpheus Street.

Set down in Orpheus Street, at alighting point (BP3798 - Orpheus Street) and pick up in Orpheus Street, at boarding point (40005 - Orpheus Street).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	<b>No more than 3 buses on Route 45 should be scheduled to stand at any one time.</b>
BLIND DISPLAY:	Camberwell Green.

### **Brixton, Stockwell Road (from Morden Station)**

Buses proceed from Brixton Road, departing to Brixton Road.

Set down in Brixton Road, at stop T (231 - Brixton Station) and pick up in Brixton Road, at stop Q (233 - Brixton Station).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	<b>Turning Point Only - Buses must not stand</b>
BLIND DISPLAY:	Brixton.

### **Brixton, Lambeth Town Hall (effra Road) (from Camberwell)**

Public stand for 3 buses on west side (offside) of Effra Road, commencing 30 metres south of lamp standard No 2498 opposite p/w Nos.9/11, and extending 30 metres north.

Buses proceed from Brixton Road, Effra Road to stand, departing via Effra Road, St Matthew's Road to Brixton Hill.

Set down in Brixton Road, at Stop P (25945 - Brixton Station) and pick up in Brixton Hill, at Stop Y (29685 - Lambeth Town Hall).

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:	Brixton.
OTHER INFORMATION:	24 Hour Stand.

### **Clapham Park, Atkins Road (from Morden Station)**

Offside public stand on the north side of Atkins Road immediately west of the junction with Kings Avenue and extending 50 metres west.

Buses proceed from Streatham Place, Atkins Road to stand, departing via Atkins Road, Poynders Road, Atkins Road, Streatham Place to Streatham Hill.

Set down in Streatham Hill, at Stop BS (43 - Christchurch Road) and pick up in Streatham Hill, at Stop BH (R0417 - Streatham Hill / Christchurch Road).

AVAILABILITY:	At any 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:	Streatham Hill, Christchurch Road.
OTHER INFORMATION:	Unscheduled curtailments only.

### **Streatham Hill Station (from Morden Station)**

Buses proceed from Streatham High Road, Drewstead Road, Bridge To Sternhold Avenue, Sternhold Avenue departing to Streatham High Road.

Set down in Streatham High Road, at Stop K (36915 - Mount Ephraim Road) and pick up in Streatham High Road, at Stop E (25963 - Leigham Court Road).

AVAILABILITY:	At any time.
BLIND DISPLAY:	Streatham Hill Station.

### **Streatham, Ambleside Avenue**

Public stand for two buses on the south side of Ambleside Avenue, commencing 58 metres north west of Gleneagle Road and extending 23 metres south east.

#### **From Camberwell, Orpheus Street**

Buses proceed from Streatham High Road, Gleneagle Road, Ambleside Avenue to stand, departing via Ambleside Avenue, Mitcham Lane to Streatham High Road.

Set down in Streatham High Road, at Stop SA (468 - St Leonard's Church) and pick up in Streatham High Road, at Stop O (25857 - Becmead Avenue).

#### **From Morden Station**

Buses proceed from Streatham High Road, Gleneagle Road, Ambleside Avenue to stand, departing via Ambleside Avenue, Mitcham Lane to Streatham High Road.

Set down in Streatham High Road, at Stop SJ (25860 - Streatham Station) and pick up in Streatham High Road, at Stop SA (468 - St Leonard's Church).

AVAILABILITY:	At any 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:	Streatham, St Leonard's Church.
OTHER INFORMATION:	Unscheduled curtailments only.

### **Rowan Road, Manor Road**

#### **From Camberwell, Orpheus Street**

Buses proceed from Rowan Road, Wide Way, South Lodge Avenue departing to Wide Way.

Set down in Rowan Road, at Stop VQ (25839 - Rosemead Avenue) and pick up in Rowan Road, at Stop P (12671 - Northborough Road).

#### **From Morden Station**

Buses proceed from Manor Road, Wide Way, South Lodge Avenue, Wide Way departing to Manor Road.

Set down in Manor Road, at Stop S (3819 - Robinhood Lane) and pick up in Manor Road, at Stop M (12670 - Northborough Road).

AVAILABILITY: At any time.  
BLIND DISPLAY: Pollards Hill, Rowan Road.

**Mitcham, Fair Green (from Camberwell)**

Buses proceed from Upper Green East, London Road, Raleigh Gardens, Upper Green West departing to Upper Green East.

Set down in Upper Green East, at Stop I (17574 - Upper Green East) and pick up in Upper Green East, at Stop H (BP683 - Upper Green East).

AVAILABILITY: At any time.  
BLIND DISPLAY: Mitcham.

**Mitcham, Cricketers (from Camberwell)**

Buses proceed from London Road departing to Lower Green West.

Set down in London Road, at Stop K (33892 - Glebe Court) and pick up in Lower Green West, at Stop L (R0565 - Mitcham / Lower Green).

AVAILABILITY: At any time.  
BLIND DISPLAY: Mitcham.

**Morden Station Forecourt**

Private stand for up to 8 buses on Morden Station Forecourt on north side of London Road.

Buses proceed from Morden Road, Morden Hall Road, Morden Hall Road Roundabout, London Road, Morden Station Forecourt, London Road, Aberconway Road, Morden Hall Road, Morden Road to stand, departing via Morden Station Forecourt to London Road.

Set down in London Road, at Stop H (BP2257 - Morden Station) and pick up in London Road, at Stop V (W48 - Morden Station).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: No more than 2 buses on Route 45 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: Morden.

# **LONDON BUSES - ROUTE DESCRIPTION**

## **ROUTE 45: Elephant & Castle - Clapham Park**

**Date of Service Change:** 9 November 2024.

### **STREETS TRAVERSED**

**Towards Clapham Park:** Newington Causeway, Elephant and Castle, Newington Butts, Walworth Road, Camberwell Road, Camberwell Green (west Side), Denmark Hill, Orpheus Street, Daneville Road, Coldharbour Lane, Gresham Road, Brixton Road, Brixton Hill, Streatham Place, Atkins Road

**Towards Elephant & Castle:** Poynders Road, Atkins Road, Streatham Place, Brixton Hill, Brixton Road, Gresham Road, Coldharbour Lane, Denmark Hill, Camberwell Green (west Side), Camberwell Road, Walworth Road, Newington Butts, Walworth Road, Newington Butts, Elephant and Castle, Newington Causeway



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

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

### **Elephant & Castle, Gaunt Street**

Two bus stand on Gaunt Street located opposite entrance to Ministry Of Sound

Buses proceed from Newington Causeway, Gaunt Street to stand, departing via Gaunt Street, Southwark Bridge Road, Borough Road to Newington Causeway.

Set down in Newington Causeway, at stop F (33624 - Elephant & Castle / Newington Causeway) and pick up in Newington Causeway, at stop G (33625 - Elephant & Castle / Newington Causeway).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 45 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:	Elephant & Castle.

### **Brixton, Stockwell Road (from Clapham Park)**

Buses proceed from Brixton Road, departing to Brixton Road.

Set down in Brixton Road, at stop T (231 - Brixton Station) and pick up in Brixton Road, at stop Q (233 - Brixton Station).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	<b>Turning Point Only - Buses must not stand</b>
BLIND DISPLAY:	Brixton.

### **Brixton, Lambeth Town Hall (effra Road) (from Elephant & Castle)**

Public stand for 3 buses on west side (offside) of Effra Road, commencing 30 metres south of lamp standard No 2498 opposite p/w Nos.9/11, and extending 30 metres north.

Buses proceed from Brixton Road, Effra Road to stand, departing via Effra Road, St Matthew's Road to Brixton Hill.

Set down in Brixton Road, at Stop P (25945 - Brixton Station) and pick up in Brixton Hill, at Stop Y (29685 - Lambeth Town Hall).

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:	Brixton.
OTHER INFORMATION:	24 Hour Stand.

### **Clapham Park, Atkins Road**

Offside public stand on the north side of Atkins Road immediately west of the junction with Kings Avenue and extending 50 metres west.

Buses proceed from Atkins Road to stand, departing via Atkins Road to Poynders Road.

Set down in Atkins Road, at Stop H (12758 - Atkins Road / New Park Road) and pick up in Poynders Road, at Stop V (12755 - Poynders Road / Kings Avenue).

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: No more than 2 buses on Route 45 should be scheduled to stand at any one time.

MEAL RELIEFS: No meal relief vehicles to stand at any time.

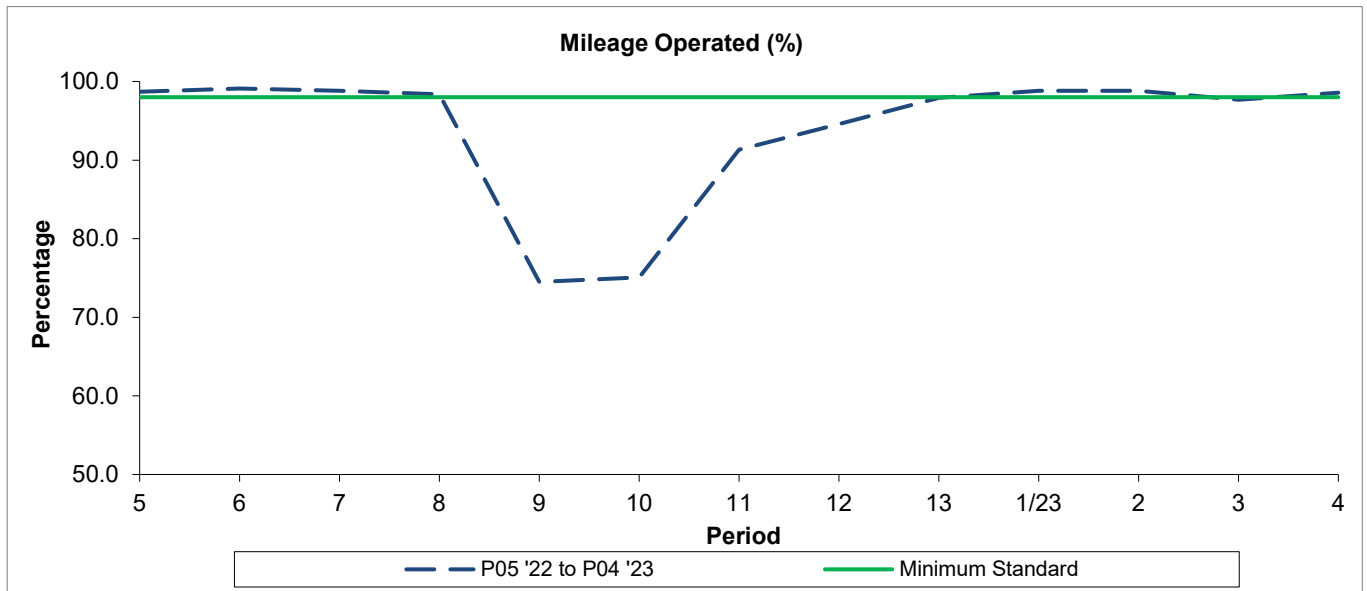
FERRY VEHICLES: No ferry vehicles to park on stand at any time.

BLIND DISPLAY: Clapham Park, Atkins Road.

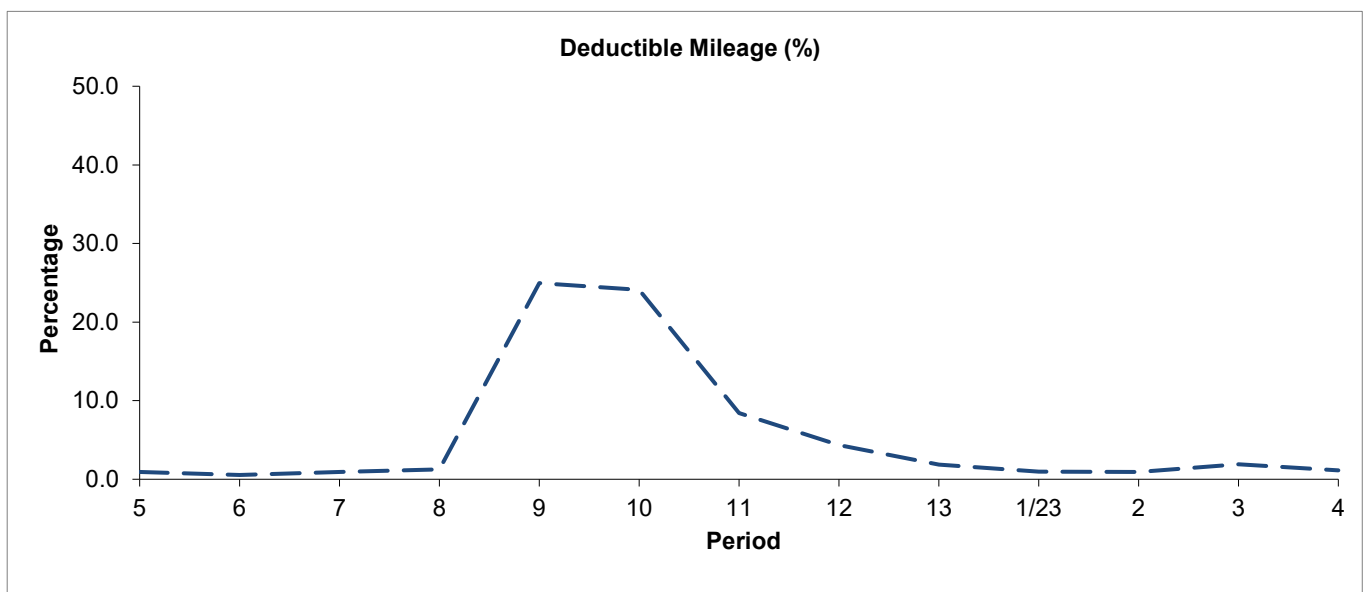
Period Trend Performance Graphs

# Route 45

## Mileage Performance



Period	5	6	7	8	9	10	11	12	13	1/23	2	3	4
P05 '22 to P04 '23	98.70	99.10	98.83	98.37	74.50	75.06	91.32	94.60	97.93	98.83	98.81	97.68	98.57
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

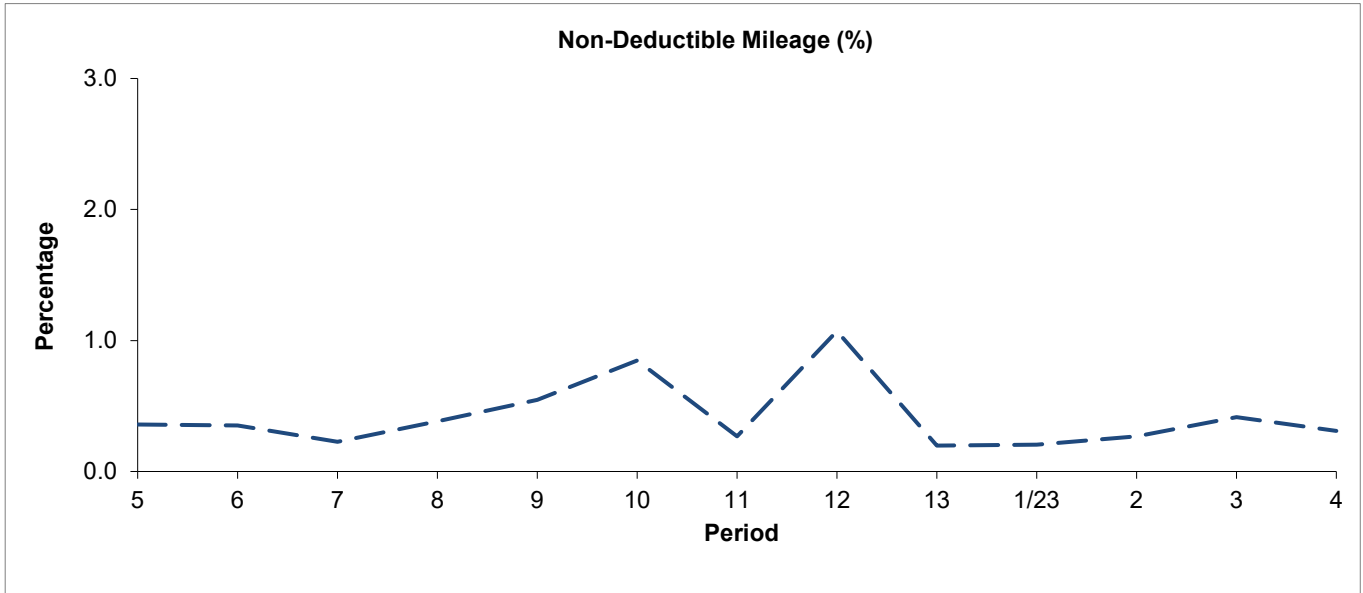


Period	5	6	7	8	9	10	11	12	13	1/23	2	3	4
P05 '22 to P04 '23	0.94	0.54	0.95	1.25	24.95	24.09	8.41	4.33	1.87	0.96	0.92	1.90	1.12

Period Trend Performance Graphs

Route 45

Mileage Performance



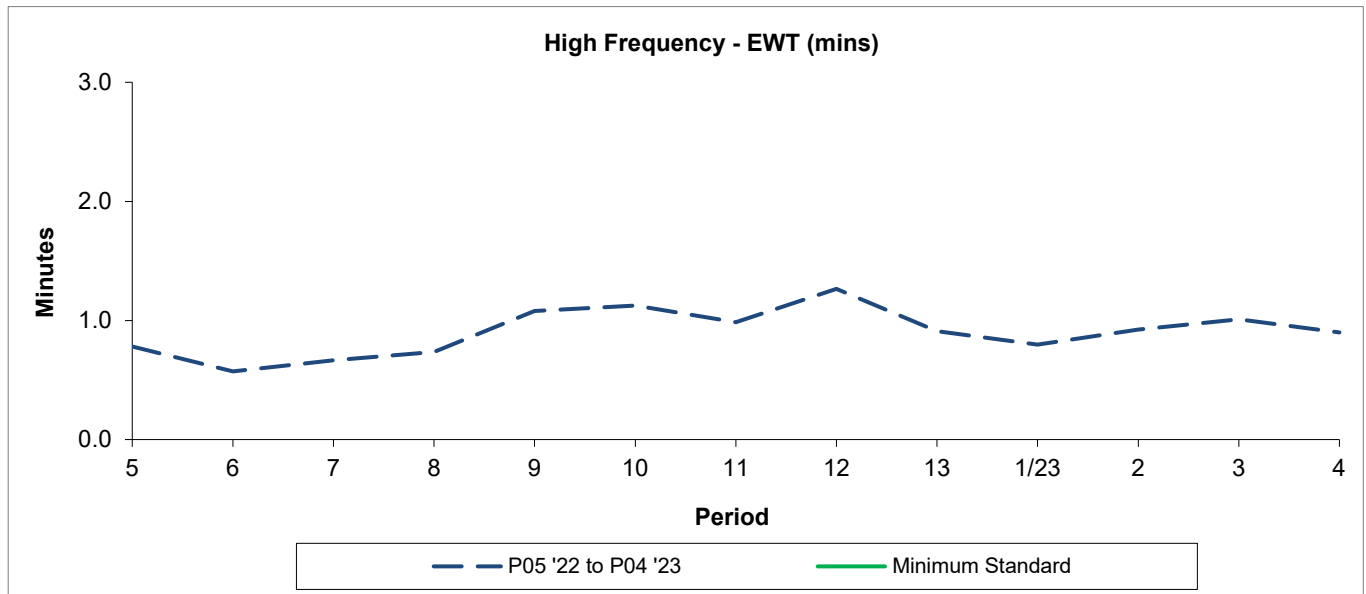
Period	5	6	7	8	9	10	11	12	13	1/23	2	3	4
P05 '22 to P04 '23	0.36	0.35	0.23	0.38	0.55	0.85	0.27	1.07	0.20	0.20	0.27	0.42	0.31

Mileage Performance figures are based on four weeks data

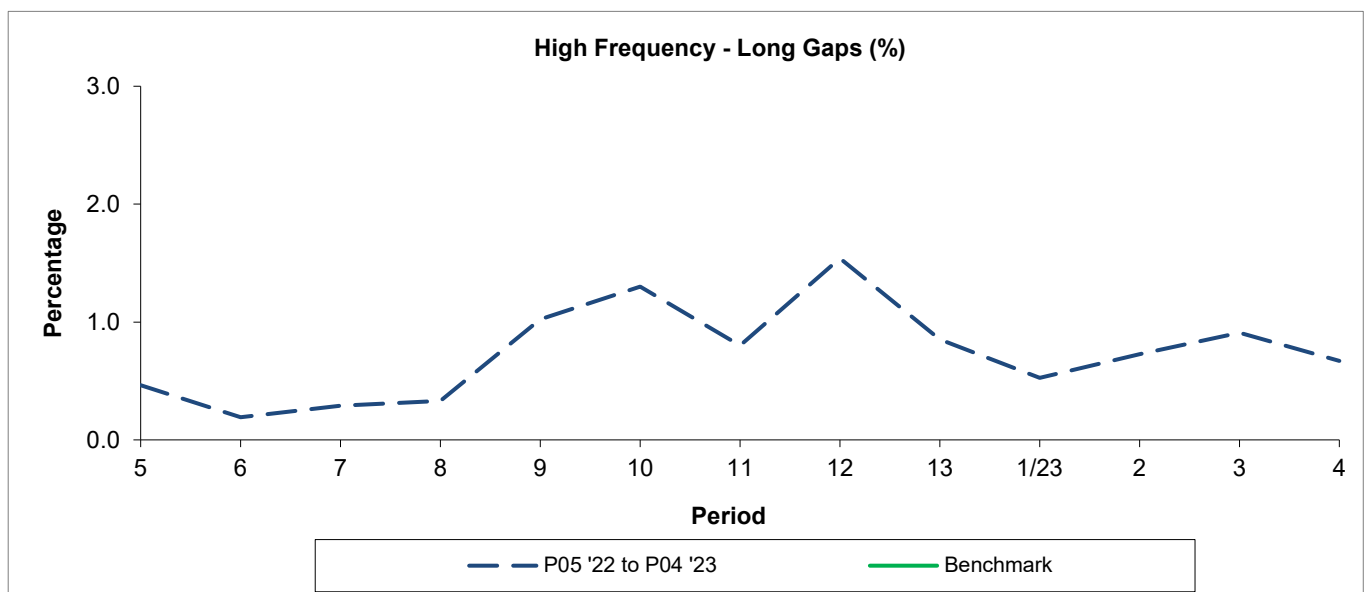
Period Trend Performance Graphs

# Route 45

## Reliability Performance



Period	5	6	7	8	9	10	11	12	13	1/23	2	3	4
P05 '22 to P04 '23	0.78	0.57	0.67	0.73	1.08	1.13	0.98	1.27	0.91	0.80	0.92	1.01	0.90
Minimum Standard													



Period	5	6	7	8	9	10	11	12	13	1/23	2	3	4
P05 '22 to P04 '23	0.46	0.19	0.29	0.33	1.02	1.30	0.80	1.54	0.85	0.53	0.73	0.91	0.67
Benchmark													

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

Detailed QSI Report

# Route 45

## Full iBus results by Time of Day

Quarter 2 22/23 to Quarter 1 23/24 (25/06/2022 to 23/06/2023)

### All days

(Day Routes 05:00 - 24:00, Night Routes 00:00 - 05:00)

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	19,643	18,994	96.7	7.1	0.8	7.9	69.2	28.1	2.5	0.2	0.3	56.4
07:00 - 10:00	39,466	38,035	96.4	5.5	0.9	6.4	80.5	18.2	1.2	0.1	0.7	63.8
10:00 - 13:00	42,499	41,605	97.9	5.3	0.9	6.2	81.6	17.3	0.9	0.1	0.8	72.2
13:00 - 16:00	43,244	41,979	97.1	5.3	0.9	6.2	81.2	17.8	0.8	0.1	0.7	54.7
16:00 - 19:00	42,972	42,423	98.7	5.3	1.0	6.2	80.9	18.1	1.0	0.1	0.9	61.4
19:00 - 22:00	34,843	34,654	99.5	6.4	0.7	7.2	71.8	26.1	1.8	0.3	0.7	72.4
22:00 - 24:00	20,497	19,905	97.1	7.4	0.8	8.2	64.8	32.6	2.2	0.4	0.4	55.4
All Locations Summary	243,164	237,595	97.7	5.6	0.9	6.5	78.9	19.8	1.2	0.1	0.7	72.4

### Mondays to Fridays

(Day Routes 05:00 - 24:00, Night Routes 00:00 - 05:00)

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	14,753	14,216	96.4	6.8	0.8	7.6	71.5	26.2	2.2	0.2	0.3	53.1
07:00 - 10:00	30,663	29,373	95.8	5.2	1.0	6.2	82.5	16.5	0.9	0.1	0.7	63.8
10:00 - 13:00	31,458	30,689	97.6	5.0	0.9	5.9	84.0	15.1	0.8	0.1	0.9	72.2
13:00 - 16:00	31,728	30,622	96.5	5.0	0.9	5.9	83.4	15.7	0.8	0.1	0.8	54.7
16:00 - 19:00	31,497	31,078	98.7	5.0	1.0	6.0	82.5	16.5	0.9	0.1	1.0	61.4
19:00 - 22:00	24,775	24,708	99.7	6.3	0.8	7.1	72.8	25.1	1.9	0.3	0.7	72.4
22:00 - 24:00	14,141	13,790	97.5	7.4	0.8	8.1	65.3	32.6	1.9	0.2	0.3	51.0
All Locations Summary	179,015	174,476	97.5	5.4	0.9	6.3	80.8	18.1	1.1	0.1	0.8	72.4

### Saturdays

(Day Routes 05:00 - 24:00, Night Routes 00:00 - 05:00)

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	2,456	2,396	97.6	7.6	0.6	8.1	64.4	34.0	1.6	0.1	0.1	50.7
07:00 - 10:00	4,784	4,694	98.1	6.2	0.6	6.8	77.2	22.1	0.7	0.0	0.1	32.5
10:00 - 13:00	6,041	5,933	98.2	5.0	0.7	5.7	85.3	14.4	0.3	0.0	0.3	28.5
13:00 - 16:00	6,120	6,041	98.7	5.0	0.8	5.8	84.7	14.9	0.3	0.0	0.3	34.5
16:00 - 19:00	5,958	5,978	100.3	5.0	0.8	5.8	84.3	15.3	0.4	0.0	0.4	32.9
19:00 - 22:00	4,689	4,570	97.5	6.4	0.7	7.1	72.2	26.0	1.6	0.1	0.4	38.7
22:00 - 24:00	2,712	2,650	97.7	7.4	1.1	8.5	63.1	32.9	3.5	0.5	0.6	46.6
All Locations Summary	32,760	32,262	98.5	5.5	0.8	6.3	80.5	18.7	0.8	0.1	0.3	50.7

### Sundays and Bank Holidays

(Day Routes 05:00 - 24:00, Night Routes 00:00 - 05:00)

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	2,434	2,382	97.9	10.0	0.6	10.6	49.0	43.0	7.0	1.0	0.1	56.4
07:00 - 10:00	4,019	3,968	98.7	9.5	0.5	10.0	53.9	39.6	5.9	0.6	0.1	57.0
10:00 - 13:00	5,000	4,983	99.7	7.5	0.6	8.1	65.3	32.6	1.9	0.3	0.3	51.2
13:00 - 16:00	5,396	5,316	98.5	7.4	0.6	8.1	65.2	32.8	1.8	0.2	0.2	45.7
16:00 - 19:00	5,517	5,367	97.3	7.4	0.6	8.0	65.4	32.6	1.8	0.2	0.2	51.4
19:00 - 22:00	5,379	5,376	99.9	7.4	0.6	8.0	65.9	32.1	1.6	0.5	0.5	47.2
22:00 - 24:00	3,644	3,465	95.1	7.4	0.9	8.2	64.3	32.6	2.4	0.8	0.8	55.4
All Locations Summary	31,389	30,857	98.3	7.7	0.6	8.3	63.8	33.5	2.4	0.4	0.3	57.0

## Transport for London - Live Mileage List

Route: 45

Service Change: 49557

Date: 15/06/2019

QSI points are highlighted.

Opt Elephant & Ca
Reason for Issue

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
ELEFNC	33626	Elephant & Castle / Newington Causeway		
	33614	Elephant & Castle Station	473	0.29
	26064	Larcom Street	309	0.19
	47001	East Street	408	0.25
	25105	Westmoreland Road	201	0.12
	2612	Camberwell Road / Albany Road	488	0.30
	2615	Bowyer Place	185	0.11
CAMGWS	34460	Medlar Street	266	0.17
CAMGDH	26059	Denmark Hill / Camberwell Green	475	0.30
	13298	Valmar Road	298	0.19
	26325	Caldecot Road	232	0.14
	26323	Lilford Road	256	0.16
LBJCSN	539	Loughborough Junction Station	275	0.17
	13290	Shakespeare Road	379	0.24
	13288	Moorland Road	207	0.13
	14360	Brixton Station Road	282	0.18
	26203	Gresham Road / Brixton Police Station	282	0.18
BRIXSN	25945	Brixton Station	396	0.25
	2396	Rush Common	411	0.26
	4725	Brixton Water Lane	279	0.17
	709	Blenheim Gardens	245	0.15
	708	Jebb Avenue / Brixton Prison	222	0.14
	705	New Park Road	415	0.26
	2398	Holmewood Road	205	0.13
	BP2083	Streatham Place	412	0.26
ATKRNP	12758	Atkins Road / New Park Road	223	0.14
Total Route Mileage - Out Direction			7824 Metres	4.86 Miles

ions 1 & 3 astle - Clapham Park	<b>Tranche 900A</b>
<b>New Contract</b>	

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
PDSRKA	12755	Poynders Road / Kings Avenue		
	12757	Atkins Road / New Park Road	283	0.18
	12759	Streatham Place	227	0.14
	2397	Holmewood Road	345	0.21
	706	New Park Road	214	0.13
	707	Jebb Avenue / Brixton Prison	274	0.17
	710	Blenheim Gardens	390	0.24
	2395	Rush Common	333	0.21
	29685	Lambeth Town Hall	309	0.19
BRIXSN	231	Brixton Station	277	0.17
	238	Gresham Road / Brixton Police Station	395	0.25
	13286	Western Road	182	0.11
	13287	Brixton Station Road	234	0.15
	13289	Shakespeare Road	352	0.22
	540	Loughborough Junction Station	225	0.14
LBJCSN	26321	Pomfret Road	161	0.10
	26322	Lilford Road	273	0.17
	26324	Caldecot Road	270	0.17
	13297	Valmar Road	187	0.12
CAMGDH	BP3196	Denmark Hill / Camberwell Green	148	0.09
CAMGWS	26060	Camberwell Green	259	0.16
	2616	Medlar Street	190	0.12
	2614	Wyndham Road	209	0.13
	2613	Bowyer Place	233	0.14
	658	Camberwell Road / Albany Road	121	0.08
	656	Westmoreland Road	334	0.21
	2608	East Street	322	0.20
	BP4962	Larcom Street	376	0.23
	2602	Hampton Street	217	0.13
	33618	Elephant & Castle Station	301	0.19
ELEFNC	33624	Elephant & Castle / Newington Causeway	326	0.20
Total Route Mileage - Back Direction			7967	4.95
			Metres	Miles



## Transport for London - Live Mileage List

Route: 45

Service Change: 49557

Date: 15/06/2019

QSI points are highlighted.

Camberwell, Or

Reason for Issue

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
CAMGOS	40005	Orpheus Street		
	13298	Valmar Road	220	0.14
	26325	Caldecot Road	232	0.14
	26323	Lilford Road	256	0.16
LBJCSN	539	Loughborough Junction Station #	275	0.17
	13290	Shakespeare Road	379	0.24
	13288	Moorland Road	207	0.13
	14360	Brixton Station Road	282	0.17
	26203	Gresham Road / Brixton Police Station	283	0.18
BRIXSN	25945	Brixton Station	396	0.25
	2396	Rush Common	411	0.26
	4725	Brixton Water Lane	279	0.17
	709	Blenheim Gardens	245	0.15
	708	Jebb Avenue / Brixton Prison	222	0.14
	705	New Park Road	415	0.26
	2398	Holmewood Road	205	0.13
	R0417	Streatham Hill / Christchurch Road	310	0.19
	27495	Telford Avenue	256	0.16
SMHLTA	29450	Streatham Hill Stn / Streatham Hill	312	0.19
	25963	Leigham Court Road	232	0.14
	3019	Mount Ephraim Road	177	0.11
	2404	Kingscourt Road	138	0.09
	20970	Becmead Avenue	236	0.15
	468	St Leonard's Church	513	0.32
STRESL	25859	Streatham Station	331	0.21
	35037	Streatham United Reformed Church	219	0.14
	12790	Greyhound Lane / Streatham High Road	318	0.20
	11755	Streatham Common Station	419	0.26
SCOMSN	12795	Aberfoyle Road	239	0.15
	12800	Braeside Road	251	0.16
	12801	Greyhound Terrace	270	0.17
	12661	Rowan Crescent	362	0.22
	12662	Longthornton Road	196	0.12
	12665	Streatham Park Cemetery	169	0.11
	25839	Rosemead Avenue	389	0.24
MTCHRR	12670	Northborough Road	310	0.19
	3820	Robinhood Lane	290	0.18
	R0097	Sherwood Park Road	382	0.24
	17579	Tamworth Park	487	0.30
	17577	Pentlands Close	166	0.10
	33725	Cedars Avenue	193	0.12
	20626	Three Kings Pond	431	0.27
	17574	Upper Green East	310	0.19
MTCHFG	33892	Glebe Court	308	0.19
	33629	Mitcham / Cricket Green	432	0.27
	17571	Mitcham Tram Stop	437	0.27
MTCHLT	17568	Bishopsford Road	390	0.24
	17566	Milner Road	344	0.21
	17565	The Drive	312	0.19
	R0299	Morden Hall Road / Central Road	563	0.35
	BP5865	Aberconway Road	311	0.19
	BP2257	Morden Station	320	0.20
Total Route Mileage - Out Direction			15630	9.71996
			Metres	Miles

Option 2 Orpheus Street - Morden Station	
<b>New Contract</b> <b>Restructured to operate Camberwell - Morden</b>	

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
MORDSN	W48	Morden Station		
	17561	Morden Hall	292	0.18
	2850	Morden Hall Road / Central Road	412	0.26
	17564	The Drive	433	0.27
	17567	Milner Road	306	0.19
	34695	Bishopsford Road	437	0.27
MTCHLT	17570	Mitcham Tram Stop	318	0.20
	17572	Gedge Court	240	0.15
	BP5365	Mitcham / Cricket Green	237	0.15
	R0565	Mitcham / Lower Green	431	0.27
	BP6093	Glebe Court	217	0.13
MTCHFG	BP683	Upper Green East	531	0.33
	17575	Three Kings Pond	386	0.24
	17576	Cedars Avenue	329	0.20
	17578	Tamworth Park	402	0.25
	12672	Sherwood Park Road	510	0.32
	3819	Robinhood Lane	363	0.23
MTCHRR	12671	Northborough Road	344	0.21
	25838	Stanford Way	349	0.22
	12664	Longthornton Road	328	0.20
	12663	Rowan Crescent	232	0.14
	12659	Greyhound Terrace	266	0.17
	12799	Braeside Road	334	0.21
SCOMSN	12796	Streatham Common Station	413	0.26
	12793	Tankerville Road	156	0.10
	12789	Greyhound Lane / Streatham High Road	476	0.30
STRESN	25860	Streatham Station	440	0.27
STRESL	SL37	St Leonard's Church	381	0.24
	25857	Becmead Avenue	485	0.30
	2403	Kingscourt Road	228	0.14
	36915	Mount Ephraim Road	161	0.10
	25856	Streatham Hill Stn / Streatham Hill	408	0.25
	1764	Barrhill Road	163	0.10
SMHLTA	25666	Telford Avenue	248	0.15
	43	Christchurch Road	194	0.12
	2397	Holmewood Road	267	0.17
	706	New Park Road	214	0.13
	707	Jebb Avenue / Brixton Prison	274	0.17
	710	Blenheim Gardens	390	0.24
	2395	Rush Common	333	0.21
	29685	Lambeth Town Hall	308	0.19
BRIXSN	231	Brixton Station <> #	277	0.17
	238	Gresham Road / Brixton Police Station	397	0.25
	13286	Western Road	182	0.11
	13287	Brixton Station Road	233	0.14
	13289	Shakespeare Road	353	0.22
	540	Loughborough Junction Station #	224	0.14
LBJCSN	26321	Pomfret Road	161	0.10
	26322	Lilford Road	272	0.17
	26324	Caldecot Road	270	0.17
	13297	Valmar Road	187	0.12
	BP3196	Denmark Hill / Camberwell Green	148	0.09
CAMGOS	40005	Orpheus Street	65	0.04
Total Route Mileage - Back Direction			16005 Metres	9.94617 Miles

## **SECTION 2: PART A**

### **SERVICE SPECIFICATION FOR ROUTE No. 45**

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**This document should be read in conjunction with the Corporation's Guide for Tenderers (Part A: Explanatory Notes - Service Requirements). Where appropriate, reference is made to the relevant section.**

## 1. TENDERS REQUIRED

This document describes the service for which the Corporation requires Tenders and Tenderers **must** submit a fully compliant bid. In addition, Tenderers **may** wish to draw upon their local knowledge to submit alternative bids which offer improved value for money in meeting passenger needs. These might incorporate, for example, different timings, frequencies, route structures and / or vehicles. The Corporation will welcome such bids and give them careful consideration.

For more information, please refer to Section 2.1 of Part A of the Guide for Tenderers.

## 2. 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. 45.

Tenderers should note that there are no changes proposed as part of this Service Specification for Route No. 45.

## 3. TERMINALS

Route No. 45 will operate between Kings Cross Station and Clapham Park, Atkins Road.

Full details of the route to be followed, the permitted terminal workings and the available stands are shown at Appendix A. Tenderers should particularly note the information relating to the shared usage of stands, the taking of meal reliefs and the use of ferry vehicles.

## 4. DAYS OF OPERATION

One timetable must be offered for Route No. 45 which will operate as follows:

DAY OF OPERATION	
Mondays to Fridays	Section 6.1
Saturdays & Good Friday	Section 6.2
Sundays	Section 6.3
Christmas Day	No service
Boxing Day	Section 6.4
Other Public Holidays	Sunday service

## 5. VEHICLE TYPE

Please refer to Section 2.5 of Part A of the Guide for Tenderers.

Route No. 45 is currently approved for vehicles which are a maximum of 10.0 metres long and 2.55 metres wide. A formal route test will be required for vehicles which exceed these dimensions. This will be arranged with the successful Tenderer.

The service requirement set out in Section 6 assumes that dual door, double deck buses with a minimum capacity of 87, of which approximately 60 should be seated, will be used on this route. Luggage space should also be provided.

Tenderers must submit proposals based on new vehicles. These must be of a low floor design and be accessible to wheelchairs by means of a powered ramp.

**Bids for both conventional diesel powered vehicles and diesel-electric hybrid vehicles should be submitted and separate prices for both types are required.**

**Bids based on a mix of hybrid and conventional vehicles would be welcomed, subject to a minimum of 10 hybrid powered vehicles being offered for this route (full hybrid operation should be offered for routes with a vehicle requirement of less than 10).**

Tenderers should refer to the vehicle design (including accessibility) features contained in Schedule II to Annex B of the Framework Agreement and Section 2 Part B of the Master ITT (Version 2 issued June 2005).

Tenderers may also submit bids based on using existing vehicles. Tenderers are asked to specify what refurbishment would be carried out on existing buses and the expected timescale of those works. See Master ITT (Version 2 issued June 2005).

## 6. FREQUENCIES

The level of service (e.g. every 15 minutes) required by the Corporation is described in terms of the interval between departures. Whilst a completely regular service at the specified frequency should be possible at most times, occasionally a bus may be timetabled to depart up to five minutes earlier or later than the regular time.

Tenderers should note that when the specified frequency changes (e.g. between the peak and midday periods), the scheduled interval between buses should never be greater than that provided by the lower of the two frequencies **AT ANY POINT ON THE ROUTE**.

Tenderers should note that unless otherwise stated **all** journeys should operate between the terminal points defined in each direction.

## 6.1 Mondays to Fridays

### 1. Kings Cross Station to Clapham Park, Atkins Road

0500 - 0605	Every 15 minutes
0606 - 0630	Every 12 minutes
0631 - 0705	Every 10 minutes
0706 - 1845	Every 8 minutes
1846 - 1935	Every 10 minutes
1936 - 2010	Every 12 minutes
2011 - 0045	Every 15 minutes

First departure from Kings Cross Station no later than 0505.

Last departure from Kings Cross Station no earlier than 0040.

Tenderers should ensure that buses are scheduled to be no more than 10 minutes apart at Camberwell Green between 0710 and 0740 and no more than 8 minutes apart between 0741 and 0840 and between 1510 and 1640.

### 2. Clapham Park, Atkins Road to Kings Cross Station

0410 - 0530	Every 15 minutes
0531 - 0610	Every 12 minutes
0611 - 0635	Every 10 minutes
0636 - 1805	Every 8 minutes
1806 - 1900	Every 10 minutes
1901 - 1945	Every 12 minutes
1946 - 0020	Every 15 minutes

First departure from Clapham Park, Atkins Road no later than 0415.

Last departure from Clapham Park, Atkins Road no earlier than 0015.

Tenderers should ensure that buses are scheduled to be no more than 10 minutes apart at Ludgate Circus between 0645 and 0715 and no more than 8 minutes apart between 0716 and 0845 and between 1515 and 1645.

## 6.2 Saturdays & Good Friday

### 1. Kings Cross Station to Clapham Park, Atkins Road

0500 - 0735	Every 15 minutes
0736 - 0825	Every 12 minutes
0826 - 0920	Every 10 minutes
0921 - 1845	Every 8 minutes
1846 - 1935	Every 10 minutes
1936 - 2010	Every 12 minutes
2011 - 0045	Every 15 minutes

First departure from Kings Cross Station no later than 0505.

Last departure from Kings Cross Station no earlier than 0040.

Tenderers should ensure that buses are scheduled to be no more than 10 minutes apart at Camberwell Green between 0905 and 1005 and no more than 8 minutes apart between 1006 and 1105.

### 2. Clapham Park, Atkins Road to Kings Cross Station

0410 - 0700	Every 15 minutes
0701 - 0800	Every 12 minutes
0801 - 0905	Every 10 minutes
0906 - 1805	Every 8 minutes
1806 - 1905	Every 10 minutes
1906 - 1945	Every 12 minutes
1946 - 0020	Every 15 minutes

First departure from Clapham Park, Atkins Road no later than 0415.

Last departure from Clapham Park, Atkins Road no earlier than 0015.

Tenderers should ensure that buses are scheduled to be no more than 10 minutes apart at Ludgate Circus between 0845 and 0945 and no more than 8 minutes apart between 0946 and 1115.



### 6.3 Sundays

1. Kings Cross Station to Clapham Park, Atkins Road

0500 - 1000	Every 20 minutes
1001 - 0045	Every 15 minutes

First departure from Kings Cross Station no later than 0505.  
Last departure from Kings Cross Station no earlier than 0040.

Tenderers should ensure that buses are scheduled to be no more than 15 minutes apart at Camberwell Green between 1045 and 1200.

2. Clapham Park, Atkins Road to Kings Cross Station

0410 - 0915	Every 20 minutes
0916 - 0020	Every 15 minutes

First departure from Clapham Park, Atkins Road no later than 0415.  
Last departure from Clapham Park, Atkins Road no earlier than 0015.

Tenderers should ensure that buses are scheduled to be no more than 15 minutes apart at Ludgate Circus between 1000 and 1130.

## 6.4 Boxing Day

### 1. Kings Cross Station to Clapham Park, Atkins Road

0800 - 1000	Every 20 minutes
1001 - 0045	Every 15 minutes

First departure from Kings Cross Station no later than 0805.  
Last departure from Kings Cross Station no earlier than 0040.

Tenderers should ensure that buses are scheduled to be no more than 15 minutes apart at Camberwell Green between 1045 and 1200.

### 2. Clapham Park, Atkins Road to Kings Cross Station

0810 - 0915	Every 20 minutes
0916 - 0020	Every 15 minutes

First departure from Clapham Park, Atkins Road no later than 0815.  
Last departure from Clapham Park, Atkins Road no earlier than 0015.

Tenderers should ensure that buses are scheduled to be no more than 15 minutes apart at Ludgate Circus between 1000 and 1130.

## 7. MINIMUM PERFORMANCE STANDARDS

Please refer to Section 2.7 of Part A of the Guide for Tenderers.

Tenderers should note that the objective of the Operator of Route No. 45 shall be to operate all scheduled mileage and adhere **fully** to the published timetable. The Operator must use its best endeavours to achieve this.

The **minimum** standards of acceptable performance for Route No. 45 shall be:

Average Excess Wait Time:	No more than 1.10 minutes
Minimum Operated Mileage:	No less than 98.00%

or as notified by the Corporation from time to time. The Operator will be required to achieve or better the standards.

### QSI Thresholds

The QSI threshold is the standard of performance to be achieved by the operator in order to qualify for an automatic contract extension (in accordance with Schedule IX of the Framework Agreement).

Average Excess Wait Time Threshold = 0.95 minutes

### Summary of proposed QSI coverage: Route No. 45

Note: While London Buses undertakes to carry out QSI surveys at the times and locations specified below, it may prove impossible to rearrange a survey cancelled or nullified at short notice.

### Survey locations

#### **Towards Clapham Park**

Kings Cross

Elephant & Castle

Camberwell Green (Denmark Hill)

#### **Towards Kings Cross**

Brixton

Camberwell Green

Elephant & Castle

Total scheduled manual QSI surveys per quarter = 96.

## **8. RUNNING TIMES**

The current timetable for Route No. 45 can be viewed by prospective Tenderers on Caesar. Attention is drawn to the variations in running times at different times of the day. Please refer to Section 2.8 of Part A of the Guide for Tenderers for further information.

Tenderers should carefully check the existing running times to ensure that they are appropriate in present traffic conditions. Tenderers should particularly check the existing running times for the Mondays to Fridays PM peak, all evenings and Sunday Shopping period.

It is expected that any changes to these running times can be accommodated within existing cycle times.

When reviewing existing, and devising new, running times Tenderers should refer to:

- the minimum performance standards for Route No. 45 in Section 7 above;
- the historical performance data provided in Section 1 Part B of the introduction to this ITT;
- the paragraph in Section 12 referring to the proposed extension of the Cashless Boarding zone throughout the whole of the London area.

Tenderers may consider if school summer holiday schedules, incorporating running time reductions, are desirable for this route. In this event, schedules and costs must be submitted separately.

## **9. LAYOVERS**

Under normal circumstances, layover time on stands and at bus stations should be restricted to that required to provide a reliable service. Longer layovers for any other purpose may only be taken with the permission of the Corporation.

## **10. TIMING CONSTRAINTS**

Route No. 45 should interwork with other bus services where possible.

## 11. CONTROL STRATEGY

Route No. 45 can suffer from the effects of traffic congestion, making some form of route control essential in order to achieve or better the minimum performance standards for this route.

Tenderers should submit proposals on the control strategy they intend to adopt and the type of control they would intend to use by completing the form provided in Section 3: Part 7 of this ITT. The cost of this control should be included within the main Tender price.

Tenderers should also indicate how they intend to facilitate driver changeovers and meal reliefs for this route.

Further information is provided in Section 2.11 of Part A of the Guide for Tenderers.

## 12. OPERATIONAL CONSIDERATIONS

Tenderers should note the following operating considerations affecting Route No. 45:

- Route No. 45 can suffer from unpredictable traffic delays in the Brixton area and especially within Central London (Blackfriars and King's Cross).

Tenderers should also note the following factors which may have an impact on Route No. 45 in the foreseeable future:

- It is anticipated that Cashless Boarding will be extended throughout London at some stage during the lifetime of this contract. **This is expected to lead to significant savings in running and recovery times to bus routes, and, therefore, potential resource (cycle time and PVR) savings are expected. Tenderers are required to identify and submit the level of savings per vehicle that could be achieved by reducing peak vehicle requirement, and / or how reliability targets could be revised when the Scheme is introduced.**

The above factors have been included to assist Tenderers and represents the information currently available to the Corporation. Tenderers should make their own enquiries about events which may impact upon the route and should form their own views about their likely effect upon it.

## 13. STOPPING ARRANGEMENTS

Buses operating on Route No. 45 must serve all stops on the line of route designated for the route.

## 14. TIMING POINTS & MILEAGES

### Timing Points

The required timing points (and codes) are shown in Caesar.

### Mileages for Route No. 45

Kings Cross Station to Clapham Park, Atkins Road	8.5 miles
Clapham Park, Atkins Road to Kings Cross Station	7.9 miles

Tenderers should note that:

- these measurements are believed to be accurate to within 0.5 miles, but no warranty or representation as to accuracy is given;
- out of service stand workings have not been measured and are not included within the above measurements;
- if alternative or additional measurements are used by the Tenderer, these must be stated in the tender submission;
- point to point measurements pertaining to recognised curtailment points or alternative terminals will be agreed with the successful Tenderer once the contract has been awarded.

## 15. VEHICLE LIVERY

All vehicles to be used on Route No. 45 from the commencement of the new Route Agreement must be in a livery that is exclusively Corporation red. The paint should be matched accurately to the colour as defined by the following manufacturer's specifications:

ICI London Bus Red P498 FPF 3

Other manufacturers should also be able to produce this specification from the ICI colour chart.

This requirement does not include the lower panels which may be in a different colour but which shall not exceed 50cm in height, or the rooftop which should be painted white so as to reduce temperatures inside the vehicle during the summer months.

The positioning and size of Operators' logos are to be agreed between the Operator and the Corporation and, where possible, these should be above the front doors on the nearside of the vehicles and above the drivers' offside cab windows.

All livery proposals must be submitted to the Contracts Tendering Manager for approval.

## 16. STANDS AND BLINDS

Tenderers should note that under normal circumstances, the specific restrictions relating to each stand will apply to the whole stand at all times. Any variation to such standing arrangements must be agreed by the Corporation. In addition, Tenderers should note the following general requirements:

- 1) Drivers MUST switch off engines during layover periods at bus stations or on stands.
- 2) No meal reliefs may be taken on any stand (on or off line of route) without the permission of the Corporation.
- 3) No crew ferry vehicles may enter any stand (on or off line of route) without the permission of the Corporation.
- 4) Destination blind displays to be used are shown under each stand description. Tenderers may suggest, within their bids, alternative blind displays.
- 5) The intermediate (also known as via) blind display to be used on the nearside of the vehicle is shown in the box below:

45 via Blackfriars
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For further information, please refer to Annex C of the Framework Agreement: General Conditions relating to the use of London Buses' Bus Stations and Stands.

# **LONDON BUSES - ROUTE DESCRIPTION**

## **ROUTE 45: King's Cross Station - Clapham Park**

**Date of Structural Change:** 13 November 2010.

**Date of Service Change:** 13 November 2010.

**Reason for Issue:** New Tender.

### **STREETS TRAVERSED**

**Towards Clapham Park:** Midland Road, Euston Road, Pentonville Road, King's Cross Road, Acton Street, Gray's Inn Road, Holborn, Holborn Circus, Charterhouse Street, Farringdon Street, Ludgate Circus, New Bridge Street, Blackfriars Bridge, Blackfriars Road, St George's Circus, London Road, Elephant And Castle, Walworth Road, Camberwell Road, Camberwell Green (West Side), Denmark Hill, Orpheus Street, Daneville Road, Coldharbour Lane, Gresham Road, Brixton Road, Effra Road, St Matthew's Road, Brixton Hill, Streatham Place, Atkins Road.

**Towards King's Cross Station:** Poynders Road, Atkins Road, Streatham Place, Brixton Hill, Brixton Road, Gresham Road, Coldharbour Lane, Denmark Hill, Camberwell Green (West Side), Camberwell Road, Walworth Road, Elephant And Castle, London Road, Blackfriars Road, St George's Circus, Blackfriars Road, Blackfriars Bridge, New Bridge Street, Ludgate Circus, Farringdon Street, Charterhouse Street, Holborn Circus, Holborn, Gray's Inn Road, York Way.

### **STANDING AND TURNING POINTS**

#### **KING'S CROSS, YORK WAY**

Public stand for 10 buses on west side of York Way commencing opposite and 31 metres south of Wharfdale Road extending 112 metres south.

Buses proceed from York Way direct to stand, departing via York Way and Goods Way to Midland Road. Set down in York Way, at Stop G and pick up in Midland Road, at Stop S.

**AVAILABILITY:** At any time.

**OPERATING RESTRICTIONS:** No more than 3 buses on Route 45 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.

**DISPLAY:** King's Cross.



## **FARRINGDON STREET, STONECUTTER STREET (from CLAPHAM PARK)**

Public stand for four buses on north side of Stonecutter Street, commencing 16 metres west of the western kerbline of Farringdon Street and extending 50 metres west. Buses proceed from Farringdon Street via Charterhouse Street, Holborn Circus, St Andrew Street, Shoe Lane and Stonecutter Street to stand, departing via Stonecutter Street to Farringdon Street. Set down in Farringdon Street, at Stop HS and pick up in Farringdon Street, at Stop L.

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.
DISPLAY:	Farringdon Street, Smithfield.

## **ELEPHANT & CASTLE, SOUTHWARK BRIDGE ROAD**

Public stand in two portions:

1 - For five buses on the west side of Southwark Bridge Road, commencing 10 metres north of the centre of Keyworth Street and extending 54 metres north.

2 - Overflow stand on the south side (offside) of Gaunt Street extending 20 metres. Stand flag BP3514.

### **From Clapham Park.**

Buses proceed from Elephant And Castle via Newington Causeway and Southwark Bridge Road to stand, departing via Southwark Bridge Road, Gaunt Street and Newington Causeway to Elephant And Castle. Set down in Elephant And Castle, at Stop T and pick up in Elephant And Castle, at Stop R.

### **From King's Cross Station.**

Buses proceed from London Road via Elephant And Castle, Newington Causeway and Southwark Bridge Road to stand, departing via Southwark Bridge Road, Gaunt Street, Newington Causeway and Elephant And Castle to London Road. Set down in London Road, at Stop D and pick up in London Road, at Stop B.

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.
DISPLAY:	Elephant & Castle.

### **BRIXTON, LAMBETH TOWN HALL (EFFRA ROAD) (from King's Cross Station)**

Public stand for 3 buses on west side (offside) of Effra Road, commencing at lamp standard No 2498 opposite the centre of Saltoun Road and extending 30 metres south.

Buses proceed from Brixton Road via Effra Road to stand, departing via Effra Road and St Matthew's Road to Brixton Hill. Set down in Brixton Road, at Stop Q and pick up in Brixton Hill, at Stop Y.

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.
DISPLAY:	Brixton.
OTHER INFORMATION:	Available Mondays to Fridays before 1600 only and all day Saturdays and Sundays. At other times use Brixton, Lambeth Town Hall (Brixton Hill) stand.

### **CLAPHAM PARK, ATKINS ROAD**

Offside public stand on the north side of Atkins Road immediately west of the junction with Kings Avenue and extending 50 metres west.

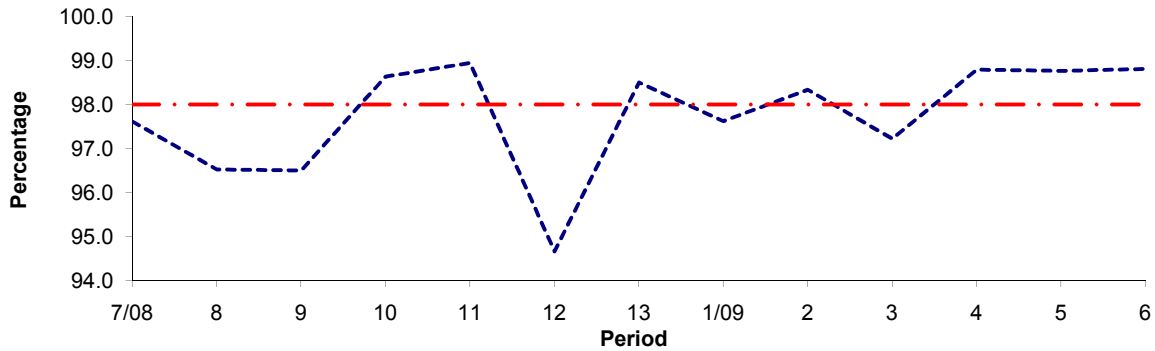
Buses proceed from Atkins Road direct to stand, departing via Atkins Road to Poynders Road. Set down in Atkins Road, at Stop H and pick up in Poynders Road, at Stop V.

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 45 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.
DISPLAY:	Clapham Park.

## PART B - PERFORMANCE STATISTICS

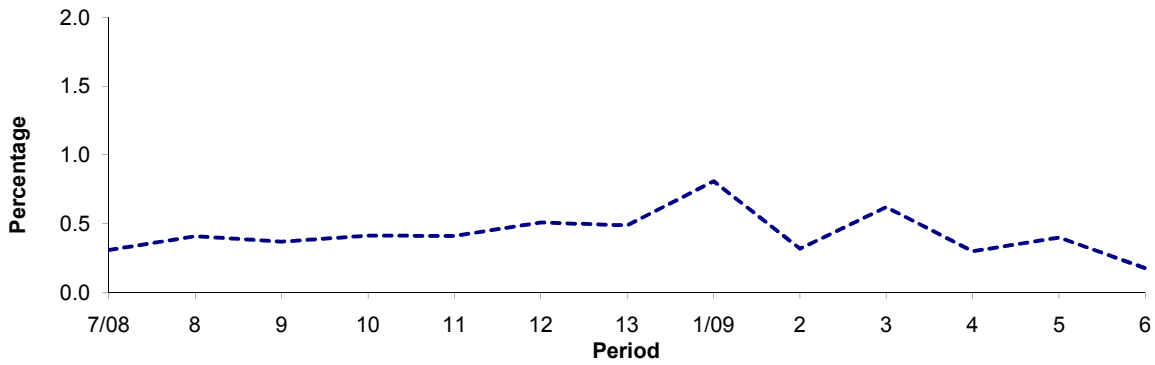
### Route 45

**Mileage Operated**



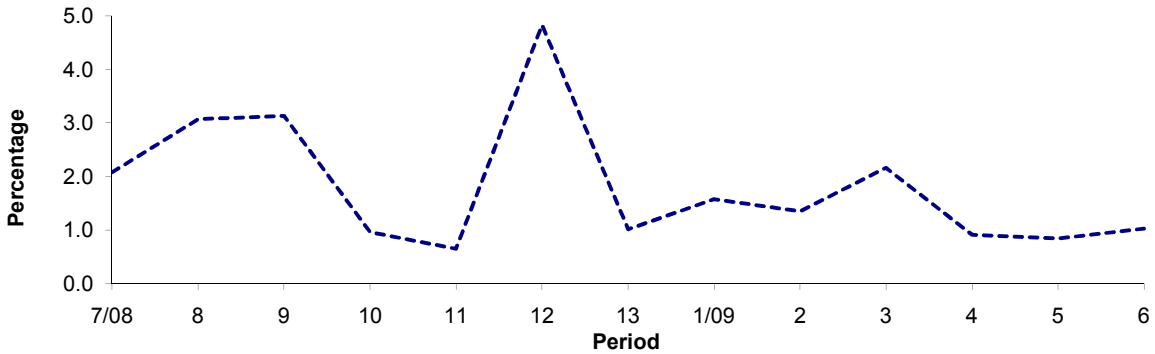
Period	7/08	8	9	10	11	12	13	1/09	2	3	4	5	6
2008/2009	97.61	96.52	96.50	98.63	98.94	94.66	98.50	97.62	98.34	97.22	98.79	98.76	98.80
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00

**Deductible Mileage**



Period	7/08	8	9	10	11	12	13	1/09	2	3	4	5	6
2008/2009	0.31	0.41	0.37	0.41	0.41	0.51	0.49	0.81	0.32	0.62	0.30	0.40	0.18

**Non Deductible Mileage**

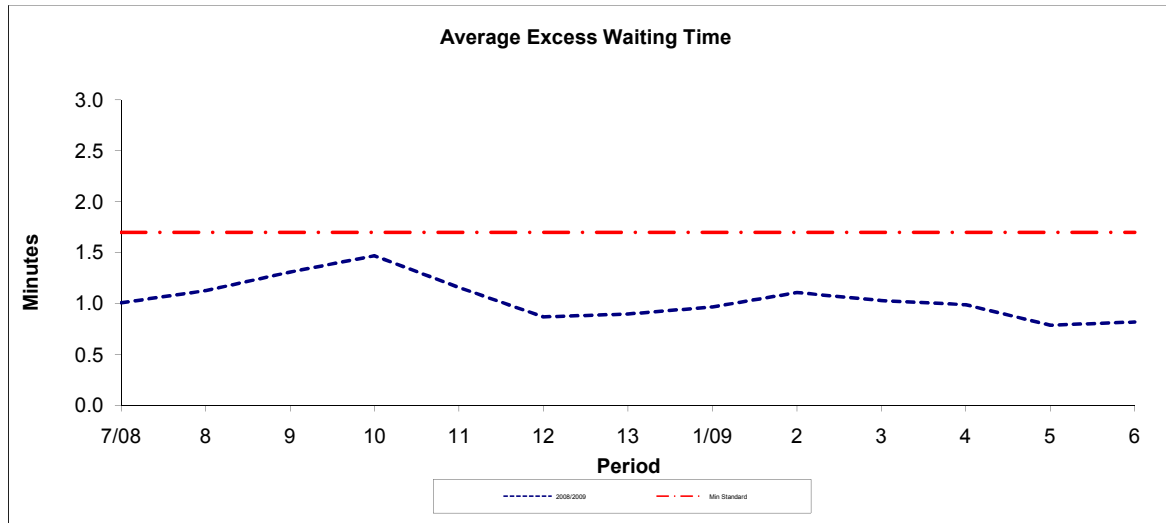


Period	7/08	8	9	10	11	12	13	1/09	2	3	4	5	6
2008/2009	2.08	3.07	3.13	0.96	0.65	4.83	1.01	1.57	1.35	2.16	0.91	0.84	1.02

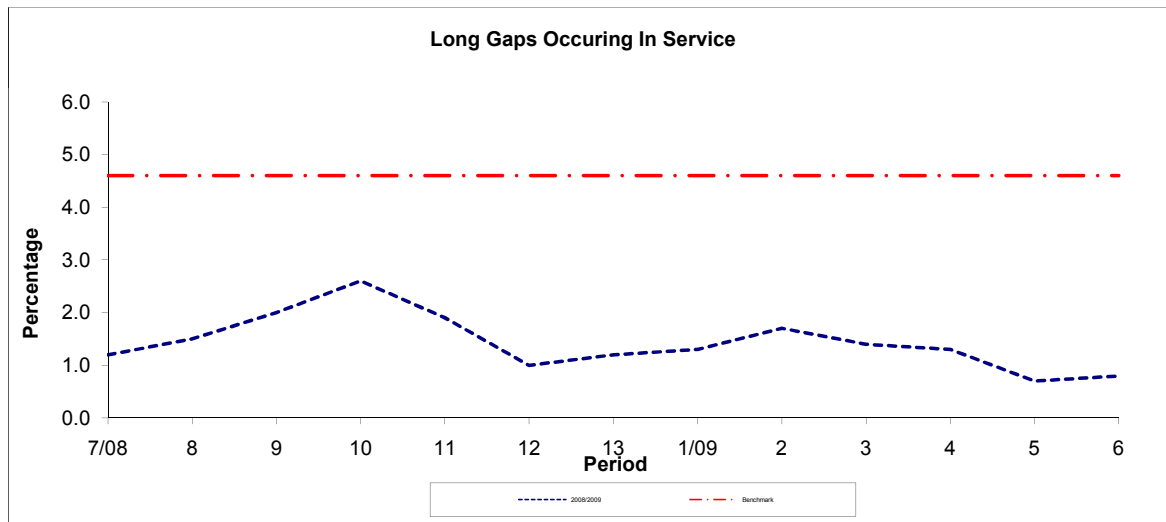
**Note :** Mileage is based on 4 weeks data

## PART B - PERFORMANCE STATISTICS

### Route 45



Period	7/08	8	9	10	11	12	13	1/09	2	3	4	5	6
2008/2009	1.01	1.13	1.31	1.47	1.16	0.87	0.90	0.97	1.11	1.03	0.99	0.79	0.82
Min Standard	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70



Period	7/08	8	9	10	11	12	13	1/09	2	3	4	5	6
2008/2009	1.20	1.50	2.00	2.60	1.90	1.00	1.20	1.30	1.70	1.40	1.30	0.70	0.80
Benchmark	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60

**Note :** Reliability is based on 12 weeks rolling data