

## 7. Service Specification

Route: 484

Contract Reference: QC72303

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.

<b>Terminus Points</b>	Lewisham, Thurston Road and Camberwell Green, Orpheus Street
<b>Contract Basis</b>	Incentivised
<b>Commencement Date</b>	20 <sup>th</sup> March 2021
<b>Vehicle Type</b>	50 capacity, dual door, single deck vehicles, minimum 9.5m long
<b>Current Maximum Approved Dimensions</b>	9.7 metres long and 2.47 metres wide
<b>New Vehicles Mandatory</b>	Yes
<b>Hybrid Price Required</b>	No
<b>Electric Price Required</b>	Yes
<b>Sponsored Route</b>	No
<b>Advertising Rights</b>	Operator
<b>Minimum Performance Standard</b>	Average Excess Wait Time - No more than 1.10 minutes
<b>Extension Threshold</b>	Average Excess Wait Time Threshold - 1.00 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 Monday 10<sup>th</sup> February 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. 484.

Tenderers should note that the following changes (subject to consultation) are proposed as part of this Service Specification for introduction with the new Route Agreement.

- Route No. 484 is specified to stand at Camberwell Green, Orpheus Street not Walworth Bus Garage.
- **Please see Section 5 for a full list of streets traversed and standing arrangements.**

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

1. Annual diesel price - based on a 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. Modifications to reduce emissions and fuel consumption (including energy storage, engine stop/start and/or energy efficient components).
2. Alternative Zero emission vehicles.
3. Existing vehicles. Separate costs must be provided both excluding and including the cost of upgrading to Euro VI standards. The inclusive costs should be on a per bus per annum basis.

**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

Lewisham, Thurston Road to Camberwell Green, Orpheus Street			Camberwell Green, Orpheus Street to Lewisham, Thurston Road		
First departure no later than 0445.			First departure no later than 0445.		
0440 - 0615	Every 15 minutes		0440 - 0600	Every 15 minutes	
0616 - 2015	Every 12 minutes		0601 - 1900	Every 12 minutes	
2016 - 0120	Every 15 minutes		1901 - 0035	Every 15 minutes	
Last departure no earlier than 0115.			Last departure no earlier than 0030.		
<b>Pinchpoints</b>					
Nunhead, Inverton Road	0710 - 0910	12 minutes	Brockley Cross	0705 - 0905	12 minutes
	1510 - 1635	12 minutes		1505 - 1630	12 minutes

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

Lewisham, Thurston Road to Camberwell Green, Orpheus Street			Camberwell Green, Orpheus Street to Lewisham, Thurston Road		
First departure no later than 0445.			First departure no later than 0445.		
0440 - 0830	Every 15 minutes		0440 - 0800	Every 15 minutes	
0831 - 1830	Every 12 minutes		0801 - 1800	Every 12 minutes	
1831 - 0120	Every 15 minutes		1801 - 0035	Every 15 minutes	
Last departure no earlier than 0115.			Last departure no earlier than 0030.		
<b>Pinchpoints</b>					
Nunhead, Inverton Road	0920 - 1120	12 minutes	Brockley Cross	0900 - 1100	12 minutes

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

Lewisham, Thurston Road to Camberwell Green, Orpheus Street			Camberwell Green, Orpheus Street to Lewisham, Thurston Road		
First departure no later than 0640.			First departure no later than 0640.		
0635 - 0900	Every 20 minutes		0635 - 0900	Every 20 minutes	
0901 - 0120	Every 15 minutes		0901 - 0035	Every 15 minutes	
Last departure no earlier than 0115.			Last departure no earlier than 0030.		
<b>Pinchpoints</b>					
Nunhead, Inverton Road	1010 - 1140	15 minutes	Brockley Cross	1010 - 1140	15 minutes

**4) OPERATIONAL CONSIDERATIONS**

- 4.1) Route No. 484 can suffer from unpredictable traffic delays in the Brockley and Peckham Rye areas.
- 4.2) Smaller buses are used due to highway constraints along the route.

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

- 5.1) ROUTE RECORD  
As per Busnet print out.
- 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 484: Lewisham, Thurston Road - Camberwell Green

**Date of Structural Change:** 20 March 2021.

**Date of Service Change:** 20 March 2021.

**Reason for Issue:** New Tender.

#### **STREETS TRAVERSED**

**Towards Camberwell Green:** Molesworth Street, Rennell Street, Lewisham High Street, Lewis Grove, Lewisham High Street, Ladywell Road, Algernon Road, Vicars Hill, Shell Road, Brookbank Road, Hilly Fields Crescent, Tressillian Road, Harefield Road, Brockley Road, Brockley Cross, Endwell Road, Drakefell Road, Sprules Road, Vesta Road, Pepys Road, Avignon Road, Friendsbury Road, St Norbert Road, Merttins Road, Ivydale Road, Cheltenham Road, Peckham Rye, East Dulwich Road, Grove Vale, Dog Kennel Hill, Grove Lane, Champion Park, Denmark Hill.

**Towards Lewisham, Thurston Road:** Denmark Hill, Champion Park, Grove Lane, Dog Kennel Hill, Grove Vale, East Dulwich Road, Peckham Rye (East Side), Cheltenham Road, Ivydale Road, Merttins Road, St Norbert Road, Friendsbury Road, Avignon Road, Pepys Road, Vesta Road, Endwell Road, Brockley Cross, Brockley Road, Harefield Road, Tressillian Road, Hilly Fields Crescent, Brookbank Road, Shell Road, Vicars Hill, Algernon Road, Ladywell Road, Lewisham High Street, Molesworth Street, Lewisham High Street, Lewis Grove, Lewisham High Street, Station Road.

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

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

### **LEWISHAM, THURSTON ROAD**

Private stand for 17 buses standing abreast in bus parking area on north-east side of Thurston Road.

Buses proceed from Station Road via Loampit Vale, Jerrard Street, Thurston Road Bus Stand Entrance and Thurston Road Bus Stand to stand, departing via Thurston Road Bus Stand, Thurston Road Bus Stand Exit, Thurston Road and Loampit Vale to Molesworth Street. Set down in Station Road, at Alighting Point (BP5993 - Lewisham Station # [dlr], Last Stop on LOR: BP5993 - Lewisham Station # [dlr]) and pick up in Molesworth Street, at stop C (BP5987 - Lewisham Station # [dlr], First Stop on LOR: BP5987 - Lewisham Station # [dlr]).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 484 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:	Lewisham Station.
OTHER INFORMATION:	All buses must be fitted with an audible reversing deviceLBSL toilet facilities available.

### **LADYWELL STATION (from CAMBERWELL GREEN)**

Buses proceed from Vicars Hill via Algernon Road, Ladywell Road, Gillian Street and Algernon Road departing to Vicars Hill. Set down in Vicars Hill, at Stop HB (BP475 - Vicars Hill / Ladywell Station #, Last Stop on LOR: BP475 - Vicars Hill / Ladywell Station #) and pick up in Vicars Hill, at Stop HD (BP460 - Algernon Road, First Stop on LOR: BP460 - Algernon Road).

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

### **BROCKLEY CROSS (from CAMBERWELL GREEN)**

Buses proceed from Endwell Road via Brockley Cross and Coulgate Street departing to Brockley Road. Set down in Endwell Road, BH (BP1396 - Endwell Road, Last Stop on LOR: BP1396 - Endwell Road) and pick up in Brockley Road, A (26079 - Brockley Station #, First Stop on LOR: 26079 - Brockley Station #).

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

### **BROCKLEY, FRENSBURY ROAD (from CAMBERWELL GREEN)**

Public stand for two buses on west side of Frensbury Road, commencing 12 metres north of lamp standard 16 extending 24 metres south.

Buses proceed from Frensbury Road direct to stand, departing via Frensbury Road, Avignon Road, Finland Road, Mantle Road, St Asaph Road and Revelon Road to Frensbury Road. Set down in Frensbury Road, at Stop BN (36585 - Brockill Crescent, Last Stop on LOR: 36585 - Brockill Crescent) and pick up in Frensbury Road, at Stop BP (37061 - Brockill Crescent, First Stop on LOR: 37061 - Brockill Crescent).

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:	Frensbury Road.

### **PECKHAM RYE, EAST SIDE (from Lewisham, Thurston Road)**

Public stand for two buses on east side of Peckham Rye, commencing 11 metres north of Nunhead Crescent and extending 20 metres north.

Buses proceed from Peckham Rye (East Side) via East Dulwich Road and Peckham Rye to stand, departing via Peckham Rye, Rye Lane and Peckham Rye to East Dulwich Road. Set down in Peckham Rye (east Side), at Stop EN (13753 - Peckham Rye / Nunhead Lane, Last Stop on LOR: 13753 - Peckham Rye / Nunhead Lane) and pick up in East Dulwich Road, at Stop ED (13752 - Peckham Rye Common, First Stop on LOR: 13752 - Peckham Rye Common).

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:	Peckham Rye.

### **EAST DULWICH, GOOSE GREEN (from Lewisham, Thurston Road)**

Buses proceed from East Dulwich Road departing to East Dulwich Road. Set down in East Dulwich Road, at Stop H (26089 - East Dulwich Road / Goose Green, Last Stop on LOR: 26089 - East Dulwich Road / Goose Green) and pick up in East Dulwich Road, at Stop P (26090 - East Dulwich Road / Goose Green, First Stop on LOR: 26090 - East Dulwich Road / Goose Green).

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



## **CAMBERWELL GREEN, ORPHEUS STREET**

Public stand for four buses in 2 portions in Orpheus Street:

1 - for two buses on north side commencing at lamp standard 2066/02 and extending 26 metres west.

2 - for two buses on east side commencing opposite lamp standard 2066/07 extending 26 metres north.

Buses proceed from Denmark Hill via Camberwell New Road, Medlar Street, Camberwell Road, Camberwell Green (West Side), Denmark Hill and Orpheus Street to stand, departing via Orpheus Street, Daneville Road, Wren Road, Camberwell Green (South Side) and Camberwell Green to Denmark Hill. Set down {Not Specified}, S (19601 - Denmark Hill / Camberwell Green, Last Stop on LOR: 2013 - Coldharbour Lane) and pick up in Denmark Hill, First Stop on LOR: 256 - Denmark Hill / Camberwell Green).

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: No more than 2 buses on Route 484 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.

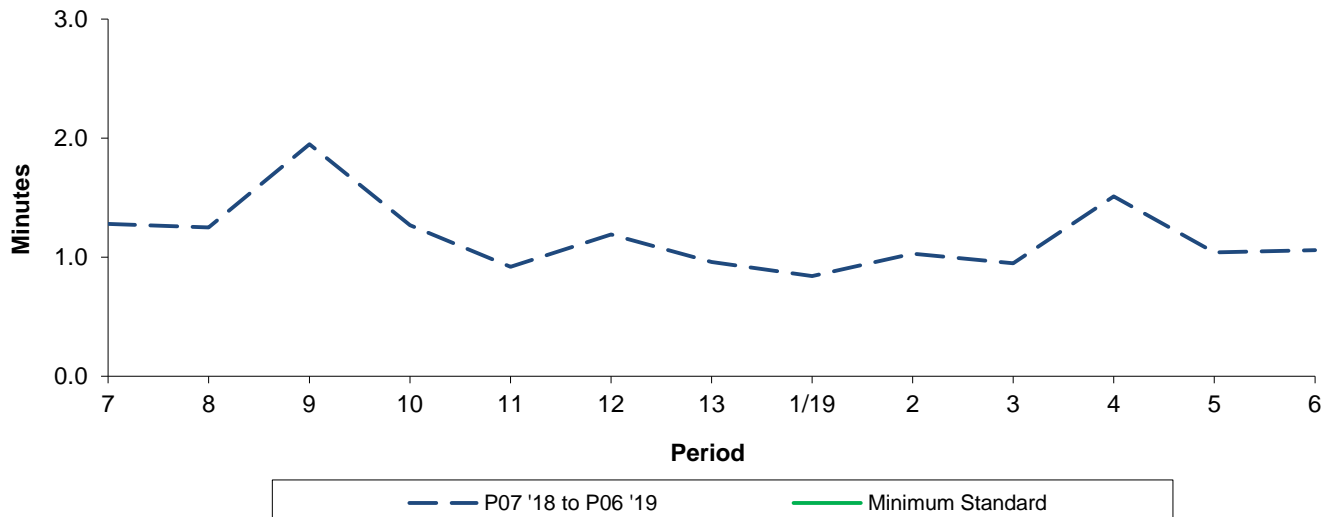
BLIND DISPLAY: /Camberwell Green.

Period Trend Performance Graphs

# Route 484

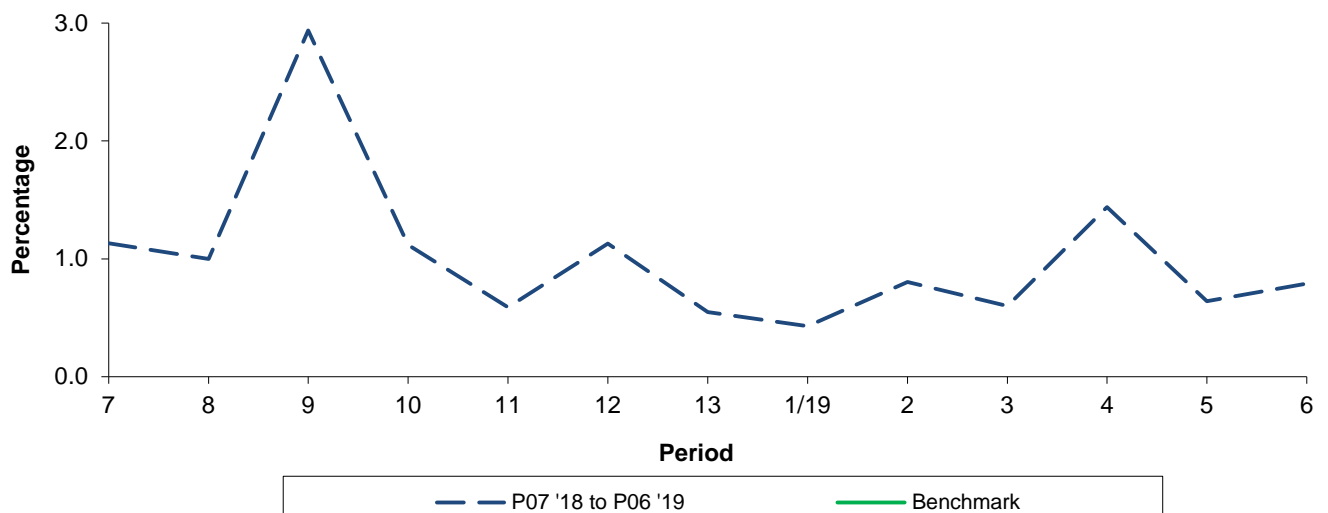
## Reliability Performance

### High Frequency - EWT (mins)



Period	7	8	9	10	11	12	13	1/19	2	3	4	5	6
P07 '18 to P06 '19	1.28	1.25	1.95	1.27	0.92	1.19	0.96	0.84	1.03	0.95	1.51	1.04	1.06
Minimum Standard													

### High Frequency - Long Gaps (%)



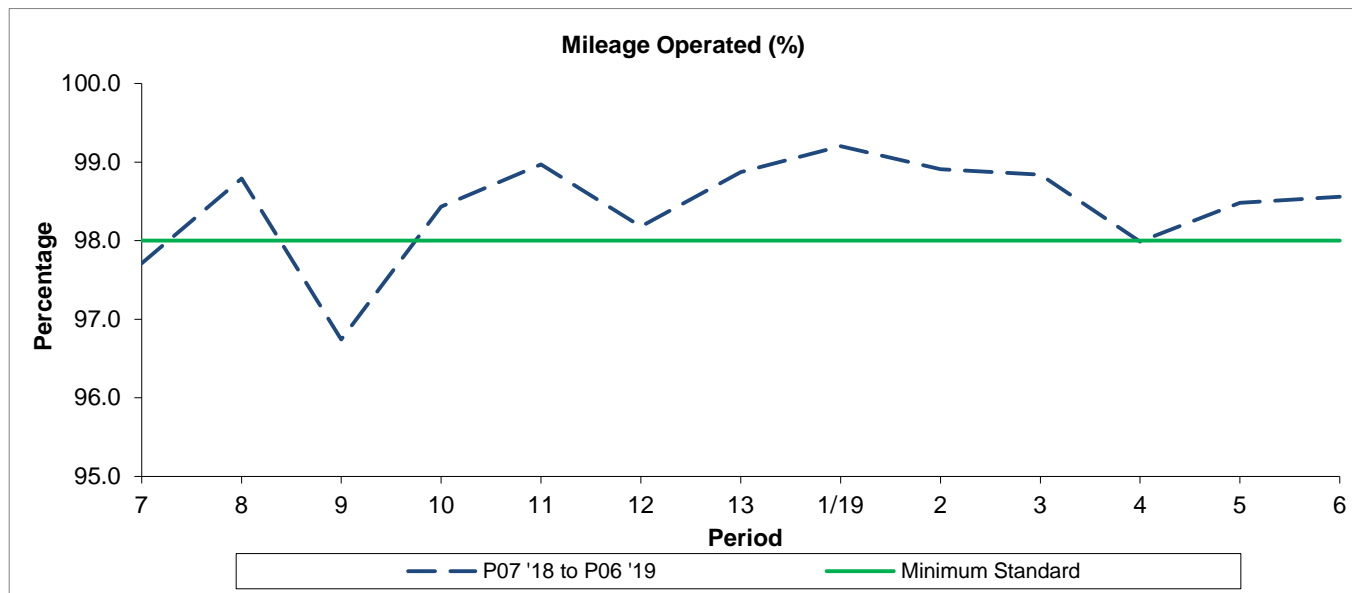
Period	7	8	9	10	11	12	13	1/19	2	3	4	5	6
P07 '18 to P06 '19	1.13	1.00	2.94	1.12	0.59	1.13	0.55	0.43	0.80	0.60	1.44	0.64	0.79
Benchmark													

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

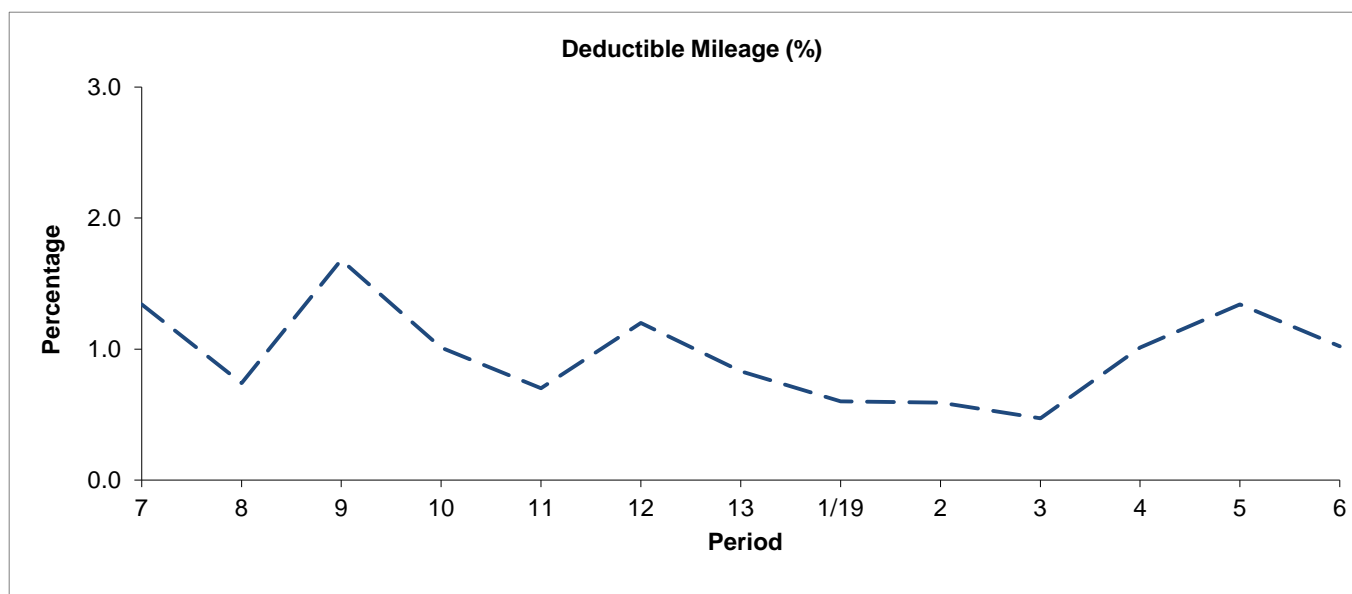
Period Trend Performance Graphs

# Route 484

## Mileage Performance



Period	7	8	9	10	11	12	13	1/19	2	3	4	5	6
P07 '18 to P06 '19	97.71	98.79	96.74	98.43	98.97	98.18	98.87	99.20	98.91	98.84	97.99	98.48	98.56
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

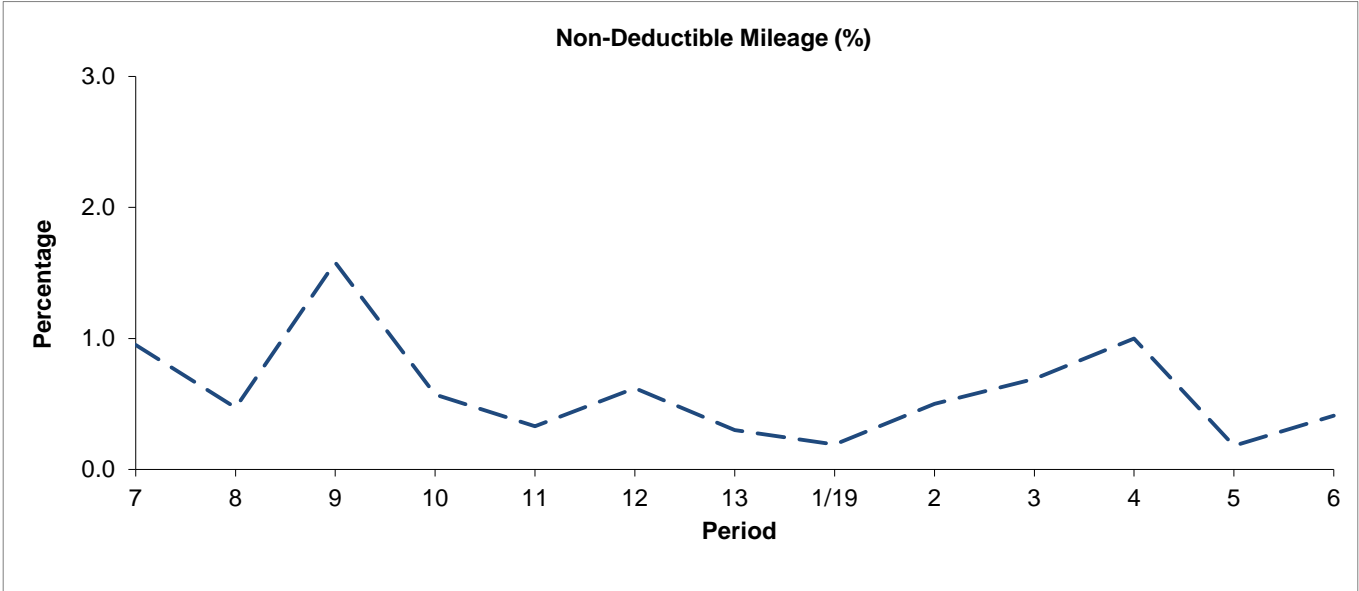


Period	7	8	9	10	11	12	13	1/19	2	3	4	5	6
P07 '18 to P06 '19	1.34	0.74	1.68	1.01	0.70	1.20	0.83	0.60	0.59	0.47	1.01	1.34	1.02

Period Trend Performance Graphs

Route 484

Mileage Performance



Period	7	8	9	10	11	12	13	1/19	2	3	4	5	6
P07 '18 to P06 '19	0.95	0.47	1.58	0.57	0.33	0.62	0.30	0.19	0.50	0.69	1.00	0.18	0.41

Mileage Performance figures are based on four weeks data

ROUTE 484 - 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	24,547	23,381	95.2	7.14	0.59	7.74	69.3	29.2	1.5	0.1	0.2	38.9
07:00 - 10:00	45,584	44,601	97.8	5.89	1.15	7.04	74.6	23.2	2.0	0.2	0.9	56.5
10:00 - 13:00	44,854	44,313	98.8	5.99	0.97	6.96	74.7	23.6	1.5	0.1	0.6	53.0
13:00 - 16:00	44,724	43,446	97.1	6.00	1.38	7.38	71.7	25.1	2.9	0.3	1.3	50.9
16:00 - 19:00	45,013	43,369	96.3	5.97	1.67	7.64	70.6	25.5	3.4	0.5	1.8	65.2
19:00 - 22:00	39,433	39,505	100.2	6.68	1.05	7.73	68.7	27.9	3.0	0.4	0.8	70.4
22:00 - 24:00	23,559	23,517	99.8	7.34	0.82	8.15	64.8	32.3	2.6	0.3	0.4	82.2
All Locations Summary	267,714	262,132	97.9	6.14	1.24	7.39	71.8	25.3	2.5	0.3	1.1	82.2

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	4,876	4,777	98.0	7.56	0.48	8.04	64.4	34.3	1.2	0.1	0.1	37.4
07:00 - 10:00	8,307	8,172	98.4	6.70	0.74	7.44	71.6	26.9	1.4	0.1	0.2	38.8
10:00 - 13:00	9,360	9,197	98.3	6.03	0.90	6.93	74.6	23.6	1.7	0.1	0.6	37.6
13:00 - 16:00	9,330	9,017	96.6	6.00	1.66	7.66	70.9	24.7	3.6	0.9	2.3	50.3
16:00 - 19:00	9,185	9,083	98.9	6.06	1.29	7.35	71.7	25.3	2.6	0.3	1.1	52.0
19:00 - 22:00	7,575	7,538	99.5	7.37	0.86	8.23	64.5	31.9	3.3	0.3	0.4	56.0
22:00 - 24:00	5,000	4,938	98.8	7.35	1.28	8.63	62.5	32.6	4.6	0.4	0.4	49.0
All Locations Summary	53,633	52,722	98.3	6.40	1.16	7.56	70.4	26.5	2.7	0.4	1.0	56.0

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	488	507	103.9	7.56	0.38	7.94	83.3	4.7	9.5	2.4	15.3	22.0
07:00 - 10:00	5,504	5,474	99.5	10.63	0.42	11.06	51.0	39.7	8.4	0.8	0.0	61.3
10:00 - 13:00	8,016	7,932	99.0	7.48	0.64	8.12	65.2	32.8	1.9	0.1	0.1	47.4
13:00 - 16:00	7,956	7,856	98.7	7.49	0.69	8.19	64.4	32.8	2.6	0.2	0.2	39.7
16:00 - 19:00	8,008	8,008	100.0	7.42	0.74	8.16	65.1	32.3	2.4	0.2	0.2	41.4
19:00 - 22:00	8,050	7,895	98.1	7.40	0.87	8.27	64.1	32.0	3.4	0.5	0.5	43.4
22:00 - 24:00	5,325	5,379	101.0	7.41	0.74	8.15	64.9	32.4	2.6	0.2	0.2	48.6
All Locations Summary	43,347	43,051	99.3	7.77	0.69	8.46	63.7	32.8	3.2	0.3	0.5	61.3

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	29,911	28,665	95.8	7.19	0.58	7.77	69.5	28.5	1.8	0.2	0.9	38.9
07:00 - 10:00	59,395	58,247	98.1	6.19	1.08	7.27	73.2	24.3	2.2	0.2	0.8	61.3
10:00 - 13:00	62,230	61,442	98.7	6.18	0.92	7.10	73.5	24.7	1.6	0.1	0.5	53.0
13:00 - 16:00	62,010	60,319	97.3	6.17	1.34	7.51	70.7	25.9	3.0	0.4	1.3	50.9
16:00 - 19:00	62,206	60,460	97.2	6.12	1.53	7.66	70.2	26.1	3.2	0.5	1.6	65.2
19:00 - 22:00	55,058	54,938	99.8	6.86	1.00	7.87	67.6	29.0	3.1	0.4	0.7	70.4
22:00 - 24:00	33,884	33,834	99.9	7.35	0.88	8.23	64.4	32.4	2.9	0.3	0.4	82.2
All Locations Summary	364,694	357,905	98.1	6.33	1.18	7.51	70.9	26.2	2.6	0.3	1.0	82.2

Transport for London - Live Mileage List

Route: 484

Service Change: 52341  
Date: 22/06/2019

QSI points are highlighted.

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
LEWMS	BP5987	Lewisham Station		
	BP1115	Lewisham Centre	586	0.36
	26286	Morley Road	227	0.14
	27767	Wearside Road	481	0.30
	BP460	Algernon Road	365	0.23
CLRDVH	BP461	Cliffview Road	214	0.13
BKRDR	BP462	Fossil Road	242	0.15
	BP463	Shell Road / Brookbank Road	126	0.08
	BP464	Brookbank Road	213	0.13
	BP745	Tyrwhitt Road	122	0.08
	BP465	Montague Avenue	233	0.14
	BP466	Breakspears Road	226	0.14
	BP467	Wickham Road	180	0.11
	BKLYCR	26079	Brockley Station	380
BKLYFR	BP1397	Endwell Road	316	0.20
	BP2325	Spurles Road	335	0.21
	BP738	Wallbutton Road	219	0.14
	37063	Drakefell Road	298	0.19
	36536	St Asaph Road	351	0.22
	37061	Brockhill Crescent	303	0.19
	26099	Turnham Road	179	0.11
	26096	St Norbert Road	234	0.15
NUNHIR	13795	Inverton Road	368	0.23
	13761	Surrey Road	275	0.17
	13759	Stuart Road	296	0.18
	26094	Rye Hill Park	355	0.22
	26092	Solomon's Passage	309	0.19
	13753	Peckham Rye / Nunhead Lane	207	0.13
	13750	East Dulwich Road / Peckham Rye	231	0.14
	13749	Oakhurst Grove	232	0.14
EDULGG	26089	East Dulwich Road / Goose Green	295	0.18
PCKRKR	13380	Elsie Road	360	0.22
	26047	East Dulwich Station	158	0.10
	26050	Champion Hill	466	0.29
	26051	Champion Grove	216	0.13
	26054	Denmark Hill Station	424	0.26
	26057	King's College Hospital	317	0.20
	2013	Coldharbour Lane	216	0.13
	CAMGOS	BP3798	Orpheus Street	183

Total Route Mileage - Out Direction	10738	6.67
	Metres	Miles

v2.0 - Mileage directly imported from Caesar

Lewisham Station - Camberwell Grn., Orpheus St.	Tranche 723
Reason for Issue	New Contract

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
CAMGOS	BP3798	Orpheus Street		
	26058	Coldharbour Lane	325	0.20
	26056	King's College Hospital	315	0.20
	26053	Denmark Hill Station	263	0.16
	BP3226	Grove Lane / Champion Park	234	0.15
	26052	Champion Grove	216	0.13
	26049	Champion Hill	190	0.12
	BP3227	Quorn Road	267	0.17
	BP4398	East Dulwich Station	184	0.11
	BP574	Ondine Road	278	0.17
EDULGG	26090	East Dulwich Road / Goose Green	230	0.14
PCKRR	26091	Oakhurst Grove	279	0.17
	1494	East Dulwich Road / Peckham Rye	150	0.09
NUNHIR	13752	Peckham Rye Common	156	0.10
	26093	Solomon's Passage	380	0.24
	26070	Rye Hill Park	291	0.18
	13760	Stuart Road	320	0.20
	13762	Surrey Road	294	0.18
	26095	Merttins Road	345	0.21
	26097	St Norbert Road	323	0.20
	26098	Turnham Road	257	0.16
BKLYFR	36585	Brockill Crescent	145	0.09
BKLYFR	40007	St Asaph Road	294	0.18
	36537	Avignon Road / Drakefell Road	195	0.12
	37056	Kitto Road	213	0.13
	BP737	Wallbuton Road	276	0.17
	BP1396	Endwell Road	449	0.28
	BP468	Brockley Delivery Office	506	0.31
	BP469	Wickham Road	227	0.14
	BP470	Breakspears Road	200	0.12
BKRDR	BP471	Tressillian Road	140	0.09
	BP744	Tyrwhitt Road	262	0.16
	BP472	Brookbank Road	185	0.11
	BP473	Shell Road / Brookbank Road	225	0.14
	BP474	Cliffview Road	187	0.12
CLRDVH	BP475	Vicars Hill / Ladywell Station	434	0.27
	27766	Wearside Road	351	0.22
	33426	Lewisham Fire Station	208	0.13
	BP1112	Lewisham Centre	463	0.29
	BP5993	Lewisham Station	819	0.51

Total Route Mileage - Back Direction	11076	6.88
	Metres	Miles