

Battersea Depot

Route Guide

133



DRIVING HOURS

DRIVING HOUR RULE	LEGAL LIMIT	COMPANY RULE
Continuous driving in one spell	5 ½ hours (330 Minutes)	5 ½ hours (330 minutes) – call iBus at 270 & 300 per driving spell
Total driving in a day	10 hours (600 minutes)	9 ½ hours (570 minutes) – call iBus at 540 minutes
Total hours worked in a day	16 hours (960 minutes)	14 hours (840 minutes)
Consecutive days worked	13 days & then 24 hours rest	13 days & then 1 whole calendar day's rest
Rest between duties	10 hours (600 minutes) (can be reduced 3 times per week)	10 hours minimum

**DO NOT FORGET TO SIGN ON & OFF
FOR YOUR DUTY**

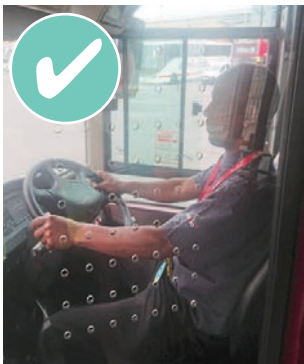
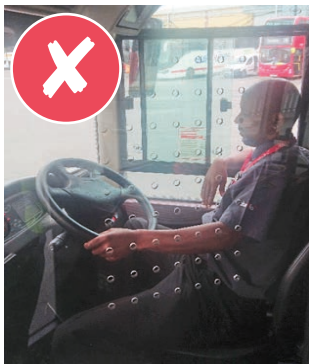
**Drivers must carry their
driving licence and DQC cards
with them at all times.**

TWO HANDS ON THE WHEEL

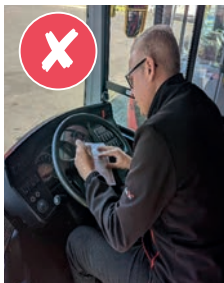
Please remember to keep two hands on the wheel at all times.

Under **NO CIRCUMSTANCES** will one handed driving be tolerated.

If found to be using one hand while being assessed this is an automatic 3A or above.



- No reading of newspaper
- No completing log card or other paperwork
- No eating or drinking



Wrightbus ElectroLiner Warning Lights

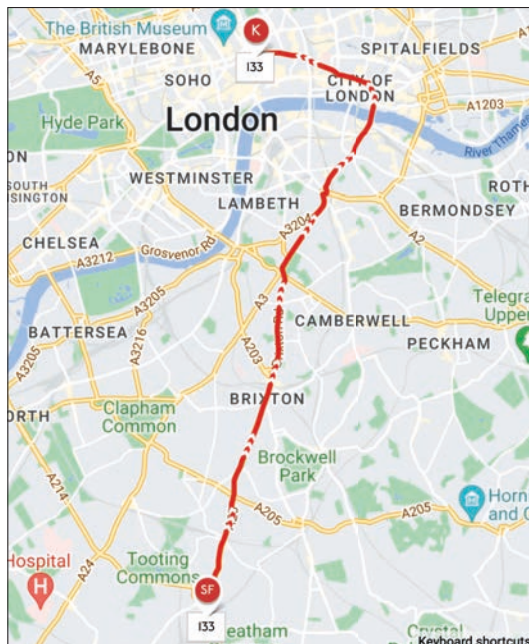
If any of the following symbols appear (amber), you should proceed with caution and report the fault on your Vehicle Defect Card. If red, stop the bus where safe to do so and call iBus.

Icon	Icon Description	Stop When Safe to do so	Proceed with Caution	Other Warning Texts (Blue/Green/White)
	Circuit 1 Air Pressure Low	✓		
	Circuit 2 Air Pressure Low	✓		
	Park Brake Pressure *			
	Coolant Level Low †	✓	✓	
	Engine Bay Temp High	✓		
	Runaway Bus Prevention *			
	Governor Pressure *			
	EBS Warning	✓	✓	
	Accelerator Pedal Fault	✓	✓	
	DCDC Converter Failure	✓		
	MUX Multiplex Node Warning	✓		
	eAir Compressor	✓	✓	
	Power Steering	✓	✓	
	Brake Pedal	✓		
	Batt Charging Fault	✓		
	Emergency Door Open	✓		
	ECAS Warning	✓	✓	
	Drive Motor	✓	✓	
	24V Battery Area Thermal Warning	✓		
	Drive System	✓	✓	
	Drive System RedFlashIcon	✓	✓	
	Drive Coolant Temp High	✓	✓	
	HVIL High Voltage Interlock	✓	✓	
	eAir Thermal Switch	✓		
	BPS warning	✓	✓	
	High Voltage - Isolation		✓	

Icon	Icon Description	Stop When Safe to do so	Proceed with Caution	Other Warning Texts (Blue/Green/White)
	HV Battery String 1 - General Fault	✓	✓	
	HV Battery String 2 - General Fault	✓	✓	
	HV Battery String 3 - General Fault	✓	✓	
	HV Battery String 4 - General Fault	✓	✓	
	Battery Contactor	✓		
	Power Steering Oil Level Low		✓	
	RAPS		✓	✓
	Brake Lining Warning Axle1		✓	
	Brake Lining Warning Axle2		✓	
	HV Battery - General Warning	✓	✓	
	Washer Fluid Level Low		✓	
	Kneeling Inhibit		✓	
	Door Override		✓	
	Engine Compartment Door Open		✓	
	Charge Flap open		✓	
	E-Stop	✓		
	Tacho Warning		✓	
	Bus Stopping Bell			✓
	WC Bus Stopping Bell			✓
	Heated Windscreen		✓	✓
	Windscreen Demist		✓	
	Wig Wag Lamp		✓	
	ECAS Level Not Specified		✓	
	Overspeed		✓	
	Fire	✓		
	Fire Suppression	✓	✓	
	BTMS Fault	✓	✓	

* Icon only currently used for bar graph identification

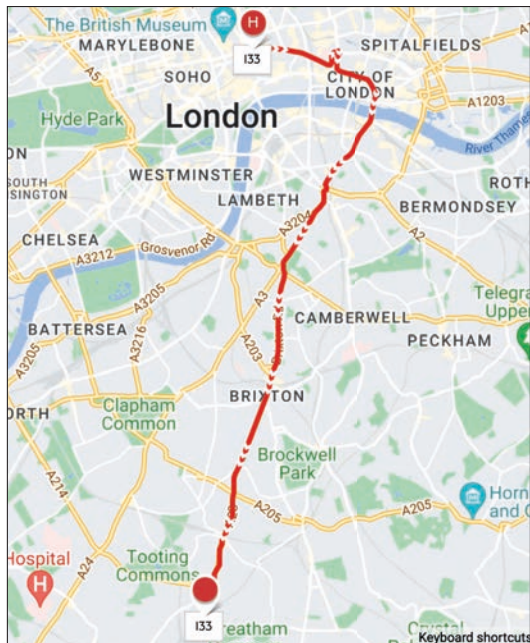
† Fuel cell coolant level on H2



Route 133

Towards Holborn, Procter Street

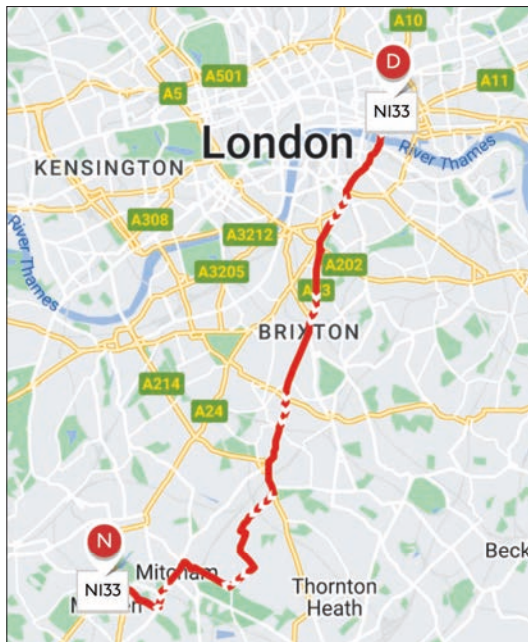
Streatham Station Bus Stand, Streatham High Road, Station Approach, Streatham High Road, Streatham Hill, Brixton Hill, Brixton Road, Kennington Park Road, Newington Butts, Elephant and Castle, Newington Causeway, Borough High Street, London Bridge, King William Street, Lombard Street, Mansion House Street, Poultry, Cheapside, Newgate Street, Holborn Viaduct, Holborn Circus, Holborn, High Holborn, Procter Street, Drake Street, Theobald's Road, Vernon Place, Southampton Row, High Holborn



Route 133

Towards Streatham Station

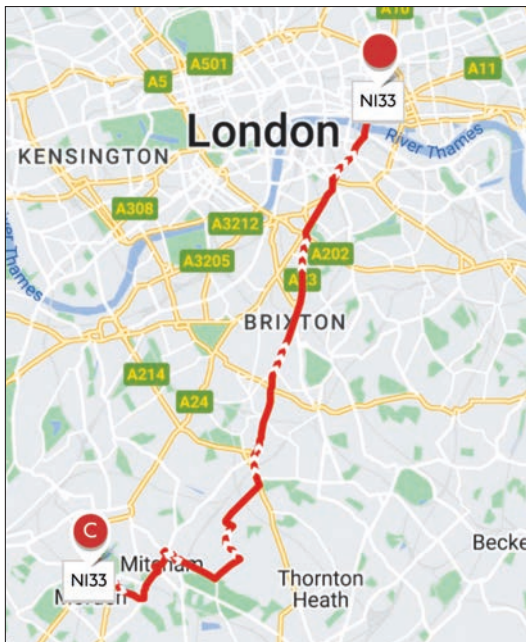
High Holborn, Procter Street, High Holborn, Holborn, Holborn Circus, Holborn Viaduct, Newgate Street ~heapside, Newgate Street, Poultry, Cheapside, King William Street, Lombard Street, Mansion House Street, Poultry, King William Street, London Bridge, Borough High Street, Newington Causeway, Elephant and Castle, Newington Butts, Kennington Park Road, Brixton Road, Brixton Hill, Streatham Hill, Streatham High Road, **Streatham Station Bus Stand**



Route N133

Towards Morden Station Forecourt

Liverpool Street Bus Station, Sun Street Passage, Old Broad Street, Wormwood Street, Bishopsgate Gracechurch Street, King William Street, London Bridge, Borough High Street, Newington Causeway, Elephant and Castle, Newington Butts, Kennington Park 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, Bishopsford Road Wandle Road, Morden Road Morden Hall Road, Aberconway Road, London Road, **Bus Only Slip Road**



Route N133

Towards Liverpool Street Station

London Road, Morden Hall Road, Morden Road, Wandle Road, London Road, Lower Green West, London Road, Raleigh Gardens, Upper Green West, Upper Green East, Commonsides West, Commonsides East, Manor Road, Rowan Road, Greyhound Terrace, Streatham Vale, Greyhound Lane, Streatham High Road, Station Approach, Streatham High Road, Streatham Hill, Brixton Hill, Brixton Road, Kennington Park Road, Newington Butts, Elephant and Castle, Newington Causeway, Borough High Street, London Bridge, King William Street, Gracechurch Street, Bishopsgate, Wormwood Street, Old Broad Street, Sun Street Passage, **Liverpool Street Bus Station**

Route 133 towards Holborn

- 
- Streatham Station**
 - St Leonard's Church
 - Becmead Avenue
 - Kingscourt Road
 - Mount Ephraim Road
 - Streatham Hill Stn / Streatham Hill
 - Barrhill Road
 - Telford Avenue
 - Christchurch Road
 - Holmewood Road
 - New Park Road
 - Jebb Avenue / Brixton Prison
 - Blenheim Gardens
 - Rush Common
 - Lambeth Town Hall
 - Brixton Station
 - Brixton Road / Brixton Police Station
 - Villa Road
 - Loughborough Road
 - Grovelway
 - Hillyard Street
 - Vassall Road
 - St Mark's Church
 - Kennington Road
 - Kennington Station
 - Penton Place
 - Newington Butts
 - Elephant & Castle Station
 - Elephant & Castle / Newington Causeway
 - Inner London Crown Court
 - Borough Station
 - Union Street
 - London Bridge
 - Monument Station
 - Bank Station / King William Street
 - Poultry / Bank Station
 - Bread Street
 - St Paul's Station
 - City Thameslink Station
 - Holborn Circus
 - Holborn Circus / Fetter Lane
 - Chancery Lane Station
 - Brownlow Street
 - Holborn Station**

Route 133 towards Streatham Station

- 
- Procter Street
 - Brownlow Street
 - Chancery Lane Station
 - Holborn Circus / Fetter Lane
 - Holborn Circus
 - City Thameslink Station
 - King Edward Street
 - Little Britain
 - St Paul's Station
 - St Paul's Station
 - Bank Station / Poultry
 - King William Street / Monument Stn
 - Monument Station
 - London Bridge
 - Southwark Street
 - Union Street
 - Borough Station
 - Inner London Crown Court
 - Elephant & Castle / Newington Causeway
 - Elephant & Castle Station
 - Newington Butts
 - Penton Place
 - Kennington Station
 - Kennington Road
 - St Mark's Church
 - Vassall Road
 - Grovelway
 - Loughborough Road
 - Villa Road
 - Brixton Road / Brixton Police Station
 - Brixton Station
 - Rush Common
 - Brixton Water Lane
 - Blenheim Gardens
 - Jebb Avenue / Brixton Prison
 - New Park Road
 - Holmewood Road
 - Streatham Hill / Christchurch Road
 - Telford Avenue
 - Streatham Hill Stn / Streatham Hill
 - Leigham Court Road
 - Mount Ephraim Road
 - Kingscourt Road
 - Becmead Avenue
 - St Leonard's Church
 - Streatham Station**

Route N133 towards Mitcham

Liverpool Street Station

Wormwood Street
Camomile Street
Fenchurch Street
Monument Station
London Bridge
Southwark Street
Union Street
Borough Station
Inner London Crown Court
Elephant & Castle /
Newington Causeway
Elephant & Castle Station
Newington Butts
Penton Place
Kennington Station
Kennington Road
St Mark's Church
Vassall Road
Grove Way
Loughborough Road
Villa Road
Brixton Road /
Brixton Police Station
Brixton Station
Rush Common
Brixton Water Lane
Blenheim Gardens
Jebb Avenue / Brixton Prison
New Park Road
Holmewood Road
Streatham Hill / Christchurch Road
Telford Avenue
Streatham Hill Stn / Streatham Hill

Leigham Court Road
Mount Ephraim Road
Kingscourt Road
Becmead Avenue
St Leonard's Church
Streatham Station
Streatham United Reformed Church
Greyhound Lane /
Streatham High Road
Streatham Common Station
Aberfoyle Road
Braeside Road
Greyhound Terrace
Rowan Crescent
Longthornton Road
Streatham Park Cemetery
Rosemead Avenue
Northborough Road
Robinhood Lane
Sherwood Park Road
Tamworth Park
Pentlands Close
Cedars Avenue
Three Kings Pond
Upper Green East
Glebe Court
Mitcham / Cricket Green
Mitcham Tram Stop
Bishopsford Road
Milner Road
The Drive
Morden Hall Road / Central Road
Aberconway Road
Morden Station

Route N133 towards Liverpool Street

Morden Station

Morden Hall
Morden Hall Road / Central Road
The Drive
Milner Road
Bishopsford Road
Mitcham Tram Stop
Gedge Court
Mitcham / Cricket Green
Mitcham / Lower Green
Glebe Court
Upper Green East
Three Kings Pond
Cedars Avenue
Tamworth Park
Sherwood Park Road
Robinhood Lane
Northborough Road
Stanford Way
Longthornton Road
Rowan Crescent
Greyhound Terrace
Braeside Road
Streatham Common Station
Tankerville Road
Greyhound Lane /
Streatham High Road
Streatham Station
St Leonard's Church
Becmead Avenue
Kingscourt Road
Mount Ephraim Road
Streatham Hill Stn / Streatham Hill
Barrhill Road

Telford Avenue
Christchurch Road
Holmewood Road
New Park Road
Jebb Avenue / Brixton Prison
Blenheim Gardens
Rush Common
Lambeth Town Hall
Brixton Station
Brixton Road /
Brixton Police Station
Villa Road
Loughborough Road
Grovelway
Hillyard Street
Vassall Road
St Mark's Church
Kennington Park
Kennington Road
Kennington Station
Penton Place
Newington Butts
Elephant & Castle Station
Elephant & Castle /
Newington Causeway
Inner London Crown Court
Borough Station
Union Street
London Bridge
Monument Station
Fenchurch Street
Camomile Street
Wormwood Street
Liverpool Street Station

Streatham Bus Station (Stand)



The entry into the bus station involves turning right across two lanes of traffic, also with the many pedestrians not paying attention when crossing the road.

The bus station is rather busy with lots of movement from other buses and pedestrians.

Pedestrians have a tendency to cross the roadway at any point, and therefore extra caution is needed when manoeuvring in the bus station.

Collision may occur if care and caution is not practised.

REMEMBER – It is a legal and contractual requirement to switch off the engine when on any Bus Stand

Solution:

- Extreme Care and Caution
- Mirror / Blind spots checks are important
- Follow the 3 "Sees"

St. Leonard's Church



Drivers must drive to the road and be extra slow at this location, as the junction can get congested and two lanes merge into one.

The junction is busy with many other vehicles and therefore extra care and caution needs to be applied when manoeuvring as the risk of collision is high.

You must be prepared to stop before entering the junction, as the junction is a yellow box junction, and the traffic lights do have speed / red lights camera.



Please drive with care



Solution:

- Care and Caution
- Be prepared to Stop
- Mirror / blind spot checks are important
- Follow the 3 "Sees"

Streatham Hill Station / Marks & Spencer's



This stop has a canopy (Street Furniture) that protrudes into the carriageway.

Please do not pull into the Bus Stop at an angle as this will cause a possible collision. If there is a vehicle serving the stop wait behind before serving your allocated bus stop.



Solution:

- Proceed with caution and show extra care for pedestrians that might be standing under the canopy
- DO NOT pull into the bus stop at an angle, if a vehicle is obstructing the bus stop please be patient and wait until clear

Brixton



Heavy vehicle and pedestrian presence.

Pedestrians may wander into the road to pass other pedestrians or attempt to cross at undesigned crossings.

Solution:

- Take great care and attention while navigating through this location
- Forward planning is essential here
- Follow the 3 "Sees"



Kennington Church



Lots of cyclists riding in between lanes of traffic and there has been an increase in E-Scooter usage within the area. It is important to exercise caution when driving in the area.

Be extra vigilant when pulling out of bus stop and merging back into traffic, as the area is heavily used by other vehicles.

Beware of double kerb as passengers alight bus, as this could cause a passenger fall.

Solution:

- Care and Caution
- Mirror / Blind spot checks are important
- Follow the 3 "Sees"

Kennington Road / Kennington Park Road



Straddle both lane at Kennington Park Road to eliminate other vehicles either undertaking or overtaking.

Caution – trees close to road, possible collision might occur if the bus is too close to kerb.

Monitor overhanging branches and report any concerns to an Abellio Official.

Solution:

- Care and Caution
- Ensure mirror checks are done frequently
- Approach stops slowly
- Ensure that you don't travel too close to the kerb and look out for overhanging branches
- Report any concerns to an Abellio Official as soon as possible
- Follow the 3 "Sees"

Elephant & Castle



Multiple hazards entering roundabout as the bus must merge with other traffic across two lanes with vehicles turning left.

Bus must proceed straight ahead on the roundabout towards Newington Causeway where there is normally a high presence of vehicles on the road.

The road layout was changed in December 2015 and with an increase pedestrian crossing and the number of pedestrians present in the area.

There can be heavy pedestrian movements at this junction, so there is a risk of striking a pedestrian. This could lead to

major injury to a pedestrian if struck, or possible moderate injuries to passengers being thrown forward due to collision or harsh braking.

Solution:

- Extreme care and caution at this location
- Regular mirror checks are essential at this location
- Drive to the road and be patient
- Straddle lanes if need be
- Follow the 3 "Sees"



There is a high number of road users in the area, mainly vehicles and pedestrians. Extra caution is needed due to parked taxis on both sides of the road, along with the restricted road width.

The area is known for the unpredictability of motorists and pedestrians, alike.

With the restricted road width, increases the risk of collision with street furniture.

Solution:

- Extreme care and caution at this location
- Huge vehicle and pedestrian presence
- Follow the 3 "Sees"

St Paul's

HOT SPOT
9
HOT SPOT

The area has a high number of road users present at this location – vehicle, cyclists, e-scooters and pedestrians.



Cyclist and e-scooters are known to weave between vehicles and pedestrians.

Solution:

- Care and Caution
- Mirror / Blind spot checks are important
- Follow the 3 "Sees"

Chancery Lane / High Holborn

HOT SPOT
10
HOT SPOT



Extreme care and caution whilst navigating through the Chancery Lane as there are many loading vehicles parked.

There is a high vehicle and pedestrian presence, with pedestrians wandering into the road or attempt to cross the road at undesignated crossings.

REMEMBER – It is a legal and contractual requirement to switch off the engine when on any Bus Stand

Solution:

- Care and Caution
- Forward planning and Mirror / Blind spot checks are important
- Follow the 3 "Sees"

Low Bridge Warning (Battersea Depot)

The bridge height is 13 feet 2 inches therefore the bridge is to be avoided and no attempt to pass underneath or pass near the bridge.

Under no circumstances are you to overtake stationary vehicles waiting to enter the depot as there is significant risk of making contact with the bridge or the bridge supports.



Curtailment Points

Towards Streatham / Mitcham – Day and Night route

- Kennington / Vassell Road
- Brixton / Lambeth Town Hall
- Brixton Hill / Holmewood Road
- Streatham / St Leonard's Church (N133)
- Rowan Road (N133)
- Mitcham Fair Green

Towards Holborn / Liverpool Street – Day and Night route

- Brixton/Stockwell Park
- Kennington Church
- Elephant & Castle / Southwark Bridge Road
- London Bridge Station

Kennington / Vassell Road, towards Streatham



Details of Curtailment route

- Set down in Brixton Road at bus stop J
- Proceed along Brixton Road, turning left into Vassall Road
- Turn left onto Foxley Road, left into Cramner Road, and then turning right back onto Brixton Road
- Picking up from bus stop H

Brixton / Lambeth Town Hall, towards Streatham



Details of Curtailment route

- Set down in Brixton Road at bus stop P
- At the fork in the road, bear left onto Effra Road, turning right in the one-way system onto St Matthews Road
- Turn right back onto Brixton Hill, picking up at bus stop Y

Brixton Hill / Holmewood Road, towards Streatham



Details of Curtailment route

- Set down at in Brixton Hill at bus stop BF
- Turn right onto Streatham Place (A205), circumnavigating the route 45 stand, and pick up back on Brixton Hill bus stop BT

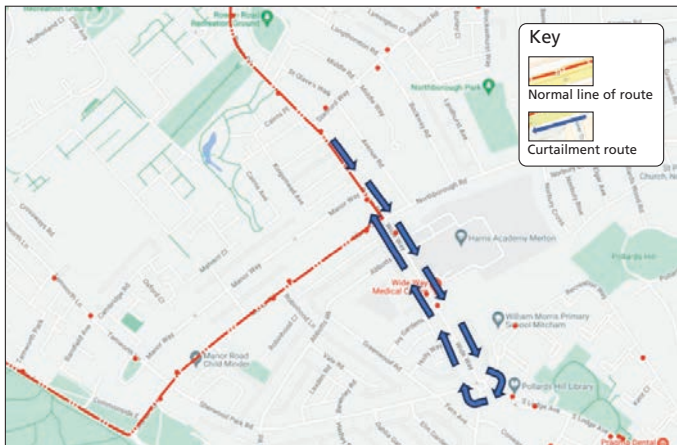
Streatham, St Leonard's Church (Towards Streatham, N133)



Details of Curtailment route

- Buses proceed from Streatham High Road, Set down at Bus Stop N
- Continue along Streatham High Road, staying in the right-hand lane which will be Mitcham Lane
- Take the second right into Ambleside Avenue
- Continue along the right-hand side along Ambleside Avenue
- Turn right onto Tooting Bec Gardens
- Turn left at the A216 Streatham High Road
- Pick up at Bus Stop O

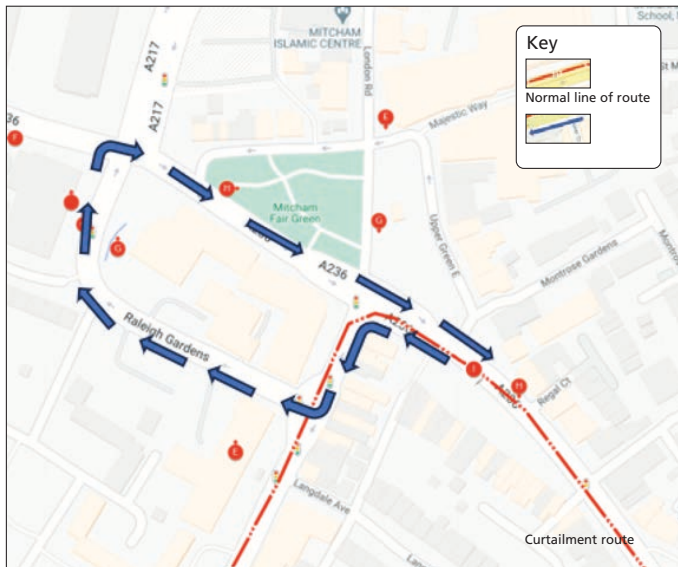
Rowan Road, (Towards Mitcham, N133)



Details of Curtailment route

- Set down at us Stop VQ
- Proceed along Rowan Road, going straight over into Wide Way
- Circumnavigate the roundabout at the end of South Lodge Avenue
- Come back along Wide Way, going straight over to rejoin Rowan Road
- Pick up at Bus Stop P

Mitcham Fair Green (Towards Mitcham, N133)



Details of Curtailment route

- Buses proceed from Upper Green Street, set down at Bus Stop I
- Turn left into London Road, the one-way system
- Stay on the right-hand side, and take the first right into Raleigh Gardens
- Turn right onto Upper Green West (A236)
- Continue Straight on Upper Green East, picking up at Bus Stop H

Brixton / Stockwell Park (Towards Holborn)



Details of Curtailment route

- Set down in Brixton Road at bus stop P
- At the fork in the road, bear left onto Effra Road, turning right in the one way system onto St Matthews Road
- Turn right back onto Brixton Hill, picking up at bus stop S

Kennington Church (Towards Liverpool Street, N133)



Details of Curtailment route

- Set down on Brixton Road at Bus Stop H
- Proceed along Brixton Road towards Kennington Park Road
- At the junction of Kennington Road, turn left (same as 159)
- Proceed along Kennington Road
- At the next set of major lights turn sharp left onto Kennington Lane
- Then take the first left onto Windmill Row
- Then take right back onto Kennington Road
- At the end of the right turn onto Kennington Park Road (normal line of route)
- Veer left into Brixton Road, picking up at Bus Stop H

Elephant & Castle / Southwark Bridge Road



Details of Curtailment route

- Set down at Elephant & Castle Bus Stop F
- Proceed around Michael Faraday Memorial, taking the third exit on the A3 (like the route 344 / 196)
- Continue along, turning left into Gaunt Street
- Turning right onto Southwark Bridge Road, turn right onto Borough Road, turn right onto Newington Causeway.
- Pick up at bus stop B

London Bridge Station (From Streatham Station / Morden Station)



Details of Curtailment route

- Buses proceed from Borough High Street, set down at Bus Stop G
- Proceed along normal line of route until you reach the entrance of London Bridge Station
- Turn right and circumnavigate the station's one-way system
- Exit Station turning left back onto Borough High Street
- Picking up at Southwark Street
(no bus stop letter, but signposted with the following icon)



BCES Update: Effort & Communication Is Key

The change aims to put scores back in the control of drivers, it aims to ensure drivers are not penalised when communication is a challenge if the driver has taken steps to improve communication. The measure will no longer focus on how clearly the driver spoke but focus on behaviours. If the driver is having difficulties hearing the assessor, or the assessor has difficulties hearing the driver, the assessor will look

for whether the driver takes any positive action to improve communication. If the driver takes positive action but the assessor is still unable to gain a response to their question, the driver will receive the top score for both Communication and Knowledge. Assessors will play their part, if they don't receive a full response they will repeat their question and / or ask the driver to repeat their response.

Examples of positive actions that assessors will be looking for include:

**Leaning closer
to the screen
to hear better**

**Closing the
window to
hear better**

**Turning cab
fan / blowers off
to reduce noise**

**Asking customer
to repeat their
question**

**Attempting to
confirm customer has
heard / understood**

In situations where communication is a problem and the driver does not take any positive actions, such as those above, the driver will continue to receive low scores for Knowledge and Communication.