

Contact Numbers

Orpington AVL



Orpington Control



London Travel Info

020 7222 1234

London Police



Emergencies

999 or 112

Metrobus Website

www.metrobus.co.uk

Route Guide & Risk Assessment



320

Biggin Hill Valley † Leaves Green
Keston Mark † Bromley Common
Bromley † Catford



Staff use only – Not for publication

August 2011

Blind Codes

Code	Destination
D9	Biggin Hill Valley
E2	Bromley South
E3	Biggin Hill Airport
E8	Biggin Hill
F8	Not In Service
G8	Catford
H1	Bromley Common Crown Lane
K4	Downham
M5	Not In Service

Points to Note

A perception of risk specific to this route is appended to Risk Assessment T27 and can be viewed on request.

Headlights

Please note that your dipped headlights must be switched on at all times when you are driving a Company vehicle, including when you are out of service. You should report defective headlights to your Controller or to a Road Inspector.

Meal Breaks

Meal breaks for duties on route 320 will normally be taken at Orpington Station. If you are required to take your meal break at Orpington Depot instead, please check your duty card for details of which vehicle(s) to use to and from the depot.

Facilities

Catford Bridge Station

Toilets are available within the station.

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Out of Service Routeings

To Catford Bridge Station:

At	Direction	Into
Depot exit	Turn left	Farnborough Hill
Roundabout	Turn right (3 rd exit)	Farnborough Way A21
Roundabout	Ahead (1 st exit)	Farnborough Way A21
Traffic lights	Straight ahead	The Green
1 st traffic lights (Locksbottom)	Straight ahead	Farnborough Common
2 nd traffic lights (Locksbottom)	Straight ahead	Farnborough Common
Roundabout	Ahead (1 st exit)	Bromley Common A21
Traffic lights	Straight ahead	Masons Hill A21
Traffic lights	Straight ahead	Kentish Way A21
Traffic lights	Straight ahead	Kentish Way A21
Traffic lights	Straight ahead	Tweedy Road A21
Traffic lights	Straight ahead	Tweedy Road A21
Traffic lights	Turn right	London Road A21
Traffic lights (Downham Way)	Straight ahead	Bromley Road A21
Traffic lights (Beckenham Hill Rd)	Straight ahead	Bromley Road A21
Traffic lights (Southend Lane)	Straight ahead	Bromley Road A21
Traffic lights (Bellingham)	Straight ahead	Bromley Road A21
1 st traffic lights (Catford)	Straight ahead	Rushey Green
2 nd traffic lights (Catford)	Filter left	Catford Road
Traffic lights	Straight ahead	Catford Road
Traffic lights	Straight ahead	Catford Road
1 st available right	Turn right	Doggett Road
1 st right	Turn right	Holbeach Road
2 nd right	Turn right	Thomas Lane

Catford Bridge Station

To Keston Church (NOT BUSES):

At	Direction	Into
Depot exit	Turn left	Farnborough Hill
Roundabout	Ahead (2 nd exit)	Farnborough Hill
Mini-roundabout	Turn left	Shire Lane
End of road	Turn right	Downe Road
Mini-roundabout	Turn right or left*	Westerham Rd / Leaves Grn Rd

Keston

* If taking over bus towards Catford, turn right into Westerham Road A233. If taking over bus towards Biggin Hill Valley, turn left into Leaves Green Road A233. (See duty card for details).

Local Hazards

Low Bridge – Southend Lane

There is a low bridge over this road (A2218 near Bell Green). This is not a suitable diversion route for double deck vehicles. **Do not take double deck vehicles under the low bridge.**

Low bridge – Homesdale Road

There is a low bridge over this road in Bromley (B265, off A21). This is not a suitable alternative route when running light to or from Bromley with a double deck vehicle. **Do not take double deck vehicles under the low bridge.**

Low Bridge – Beckenham Lane, Shortlands

There is a low bridge over the A222 in Shortlands. This is not a suitable light running route for double deck vehicles. **Do not take double deck vehicles under the low bridge.**

Westerham Road (Keston)

There are several tight bends along this road. Please keep to an appropriate speed. In addition, there is a car park for Keston Lakes, which is at the foot of a hill and close to a sharp bend. The entrance is not obvious when travelling towards Bromley, and caution must be exercised, as drivers that are leaving may not see your approach.

Stock Hill (Biggin Hill)

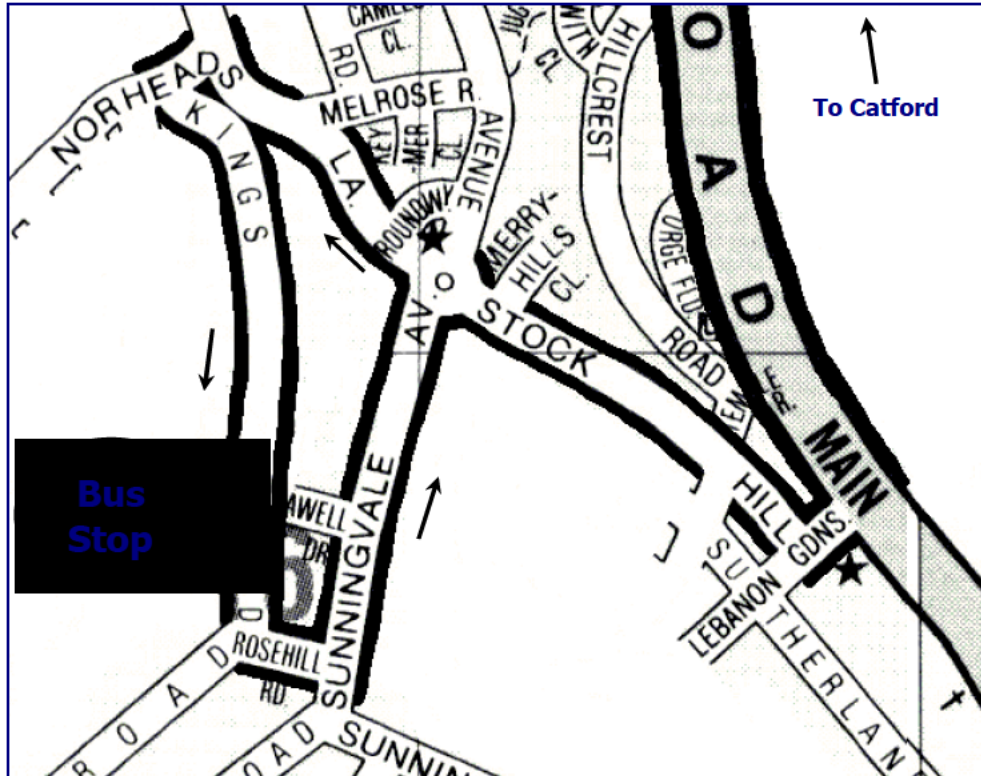
Stock Hill is a very steep hill, which can be treacherous in wet or icy conditions. Parked cars may also impede your progress. Please keep to an appropriate speed, and be prepared to give way to oncoming traffic where necessary.

Kings Road (Biggin Hill)

You are likely to encounter parked cars along this road. Please keep to an appropriate speed, and be prepared to give way to oncoming vehicles where necessary. Also note that the left turn from Norheads Lane into Kings Road is very tight.

Biggin Hill Valley Rosehill Road

Set down and pick up passengers at the bus stop in Kings Road (just before the junction with Rosehill Road).



Return from Catford Bridge Station (Doggett Road):

At	Direction	Into
1 st right	Turn right	Holbeach Road
2 nd right	Turn right	Thomas Lane
Traffic lights	Turn left	Catford Road
Traffic lights (Canadian Ave.)	Straight ahead	Catford Road
Traffic lights	Turn left	Rushey Green A21
Traffic lights	Turn right	Brownhill Road A205
Traffic lights	Turn right	Plassy Road
Traffic lights	Straight ahead	Plassy Road (R/H lane)
	Follow round to right	Sangley Road (L/H lane)
Traffic lights	Filter left	Bromley Road A21
Traffic lights (Bellingham)	Straight ahead	Bromley Road A21
Traffic lights (Southend Lane)	Straight ahead	Bromley Road A21
Traffic lights (Beckenham Hill Rd)	Straight ahead	Bromley Road A21
Traffic lights (Downham Way)	Straight ahead	Bromley Road A21
Traffic lights (Tweedy Road)	Turn left	Tweedy Road A21
Traffic lights	Straight ahead	Tweedy Road A21
Traffic lights	Straight ahead	Kentish Way A21
Traffic lights	Straight ahead	Kentish Way A21
Traffic lights	Straight ahead	Masons Hill A21
Traffic lights	Straight ahead	Bromley Common A21
Roundabout	Ahead (2 nd exit)	Bromley Common A21
1 st traffic lights (Locksbottom)	Straight ahead	Farnborough Common
2 nd traffic lights (Locksbottom)	Straight ahead	Farnborough Common
Traffic lights	Straight ahead	The Green A21
Roundabout	Ahead (2 nd exit)	Farnborough Way A21
Roundabout	Turn left (1 st exit)	Farnborough Hill
1 st entrance right	Turn right	Depot
		Orpington Depot

Return from Keston Church (NOT BUSES):

At	Direction	Into
	Turn round	Westerham Rd / Leaves Grn Rd
Mini-roundabout	Turn left or right*	Downe Road
1 st left	Turn left	Shire Lane
Mini-roundabout	Turn right	Farnborough Hill
Roundabout	Ahead (2 nd exit)	Farnborough Hill
1 st entrance right	Turn right	Depot
		Orpington Depot

* If handing over bus towards Catford, return along Westerham Road and turn left into Downe Road. If handing over bus towards Biggin Hill Valley, return along Leaves Green Road and turn right into Downe Road. (See duty card for details).

To Biggin Hill Valley Rosehill Road:

At

Depot exit
 Roundabout
 Roundabout
 Traffic lights
 Before 2nd traffic lights
 Traffic lights
 Mini-roundabout
 Roundabout
 Traffic lights

Roundabout
 1st left
 1st left (immediate)
 1st bus stop

Direction

Turn left
 Turn right (3rd exit)
 Ahead (1st exit)
 Straight ahead
 Bear left
 Turn left
 Straight ahead
 Ahead (2nd exit)
 Turn right
 Follow round to right
 Ahead (2nd exit)
 Turn left
 Turn left
 Commence service

Into

Farnborough Hill
 Farnborough Way (A21)
 Farnborough Way (A21)
 The Green
 Croydon Road (A232)
 Westerham Road (A233)
 Leaves Green Rd. (A233)
 Main Road (A233)
 Lebanon Gardens
 Stock Hill
 Norheads Lane
 Norheads Lane
 Kings Road

Biggin Hill Valley

Return from Biggin Hill Valley Rosehill Road:

At

1st left after bus stand
 End of road
 Roundabout
 Top of hill
 Traffic lights
 Roundabout
 Mini-roundabout
 Traffic lights (Keston Mark)
 Traffic lights
 Traffic lights
 Traffic lights
 Roundabout
 Roundabout
 1st entrance right

Direction

Turn left
 Turn left
 Turn right (3rd exit)
 Follow round to left
 Turn left
 Ahead (1st exit)
 Straight ahead
 Turn right
 Turn right
 Straight ahead
 Straight ahead
 Straight ahead
 Ahead (2nd exit)
 Turn left (1st exit)
 Turn right

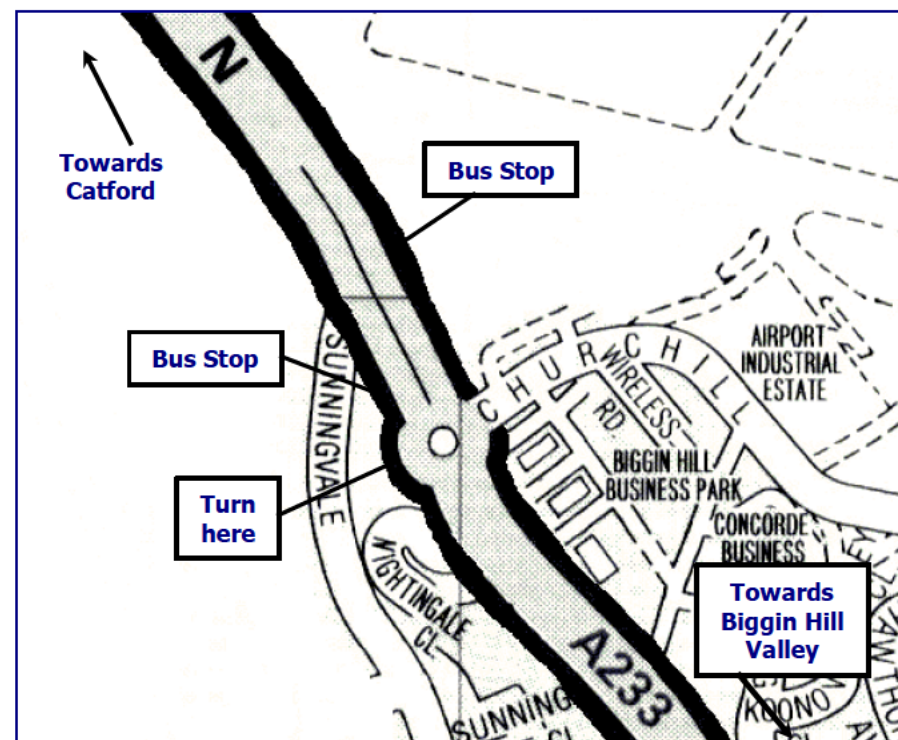
Into

Rosehill Road
 Sunningvale Avenue
 Stock Hill
 Lebanon Gardens
 Main Road (A233)
 Main Road (A233)
 Westerham Road (A233)
 Croydon Road (A232)
 Farnborough Common
 Farnborough Common
 Farnborough Way
 Farnborough Way
 Farnborough Hill
 Depot

Orpington Depot

Biggin Hill Airport

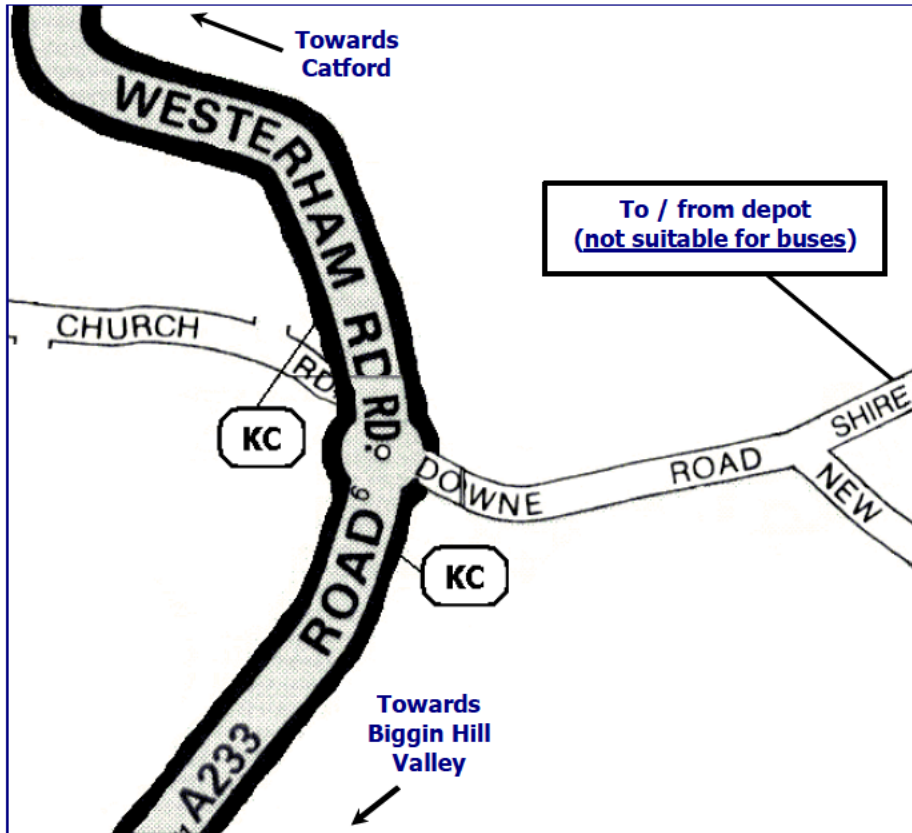
Set down at the bus stop adjacent to the airport, just before the roundabout / entrance to the business park. Turn round at the roundabout, then commence the next journey from the bus stop by the junction of Main Road and Sunningvale Avenue.



Keston Church (for crew changes)

Crew changes take place at the bus stops at Keston Church (KC). In either direction (see duty card), this is the first bus stop after the mini-roundabout shown.

Ferry vehicles should approach from Shire Lane and Downe Road. Note that this routing is not suitable if a bus is used as a ferry vehicle. Buses should use the out of service route described for running light to / from Biggin Hill Valley (which passes Keston Church).



Duty Card Abbreviations

Code	Explanation
BCC	Bromley Common Crown Lane
BHB	Biggin Hill Black Horse PH
BHL	Biggin Hill Lebanon Gardens
BHR	Biggin Hill Valley Rosehill Road
BMS	Bromley Market Square
BSS	Bromley South Station
CAT	Catford Bridge Station (Doggett Road)
CBG	Catford Bus Garage
CBR	Catford Bromley Road
CTL	Catford Bridge Station (Thomas Lane)
DHM	Bromley Road Downham Way
KC	Keston Church
KM	Keston Mark Mark Inn
LGK	Leaves Green Kings Arms PH

Fare Stages

Stage	Definition
1	Catford Bridge Station
2	Bromley Road McDonald's
3	Bromley North Station
4	Bromley South Station
7	Bromley Common Crown Lane
17	Biggin Hill Airport
20	Biggin Hill Kings Road

Route Directions

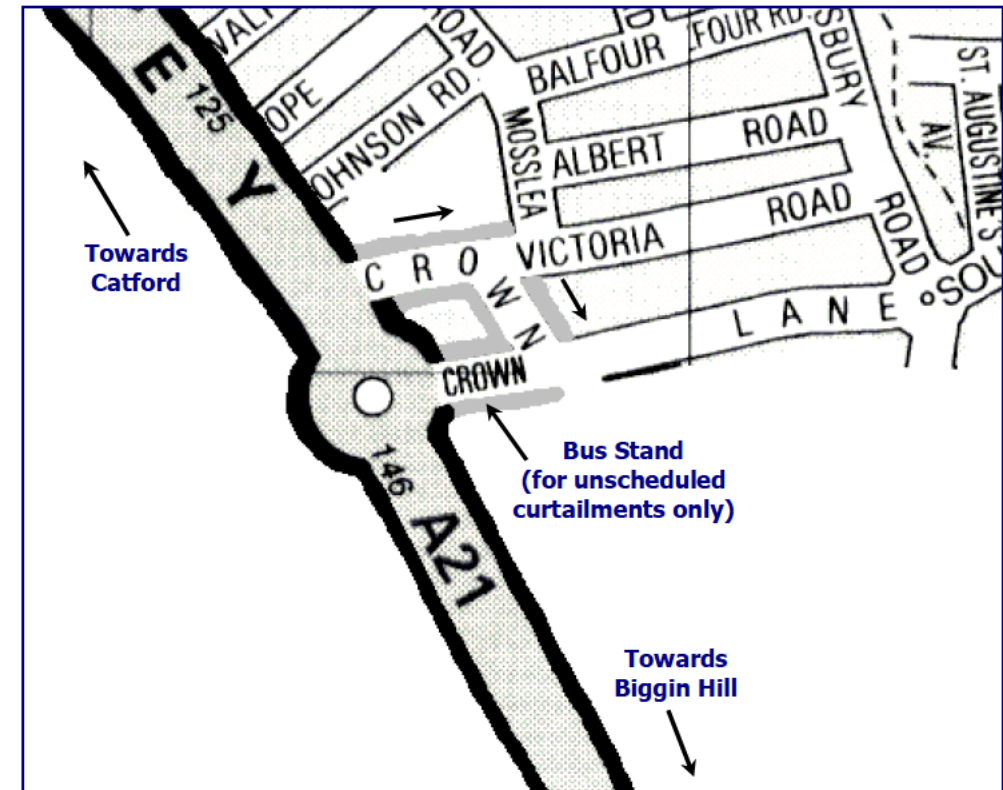
To Biggin Hill Valley Rosehill Road:

From Catford Bridge Station (Thomas Lane, bus stop **Q**):

At	Direction	Into
Traffic lights	Turn left	Catford Road
Traffic lights (Canadian Ave.)	Straight ahead	Catford Road
Traffic lights	Turn left	Rushey Green A21
Traffic lights	Turn right	Brownhill Road A205
Traffic lights	Turn right	Plassy Road
Traffic lights	Straight ahead	Plassy Road (R/H lane)
	Follow round to right	Sangley Road (L/H lane)
Traffic lights	Filter left	Bromley Road A21
Traffic lights (Bellingham)	Straight ahead	Bromley Road A21
Traffic lights (Southend Lane)	Straight ahead	Bromley Road A21
Traffic lights (Beckenham Hill Rd)	Straight ahead	Bromley Road A21
Traffic lights (Downham Way)	Straight ahead	Bromley Road A21
	Ahead	Bromley Hill A21
	Ahead	London Road A21
Traffic lights (Tweedy Road)	Straight ahead	London Road
Traffic lights (Beckenham Lane)	Straight ahead	Bromley High Street
	Follow round to left	Market Square
Traffic lights	Straight ahead	Widmore Road
Traffic lights	Turn right	Kentish Way A21
Traffic lights	Straight ahead	Kentish Way A21
Right hand bus slip road	Turn right	Elmfield Road (bus gate)
End of bus gate	Bear right	Elmfield Road
Traffic lights	Turn left	High Street
Traffic lights	Straight ahead	Masons Hill
Traffic lights	Turn right	Masons Hill A21
Traffic lights (Hayes Lane)	Straight ahead	Bromley Common A21
Roundabout	Ahead (2 nd exit)	Bromley Common A21
2 nd right (opposite church)	Turn right	Oakley Road A233
Traffic lights (Keston Mark)	Straight ahead	Westerham Road A233
Mini-roundabout	Ahead (2 nd exit)	Leaves Green Rd. A233
Roundabout	Ahead (2 nd exit)	Main Road A233
Traffic lights	Turn right	Lebanon Gardens
	Follow round to right	Stock Hill
Roundabout	Ahead (2 nd exit)	Norheads Lane
1 st left	Turn left	Norheads Lane
1 st left (immediate)	Turn left	Kings Road
1 st bus stop	Terminate	Biggin Hill Valley

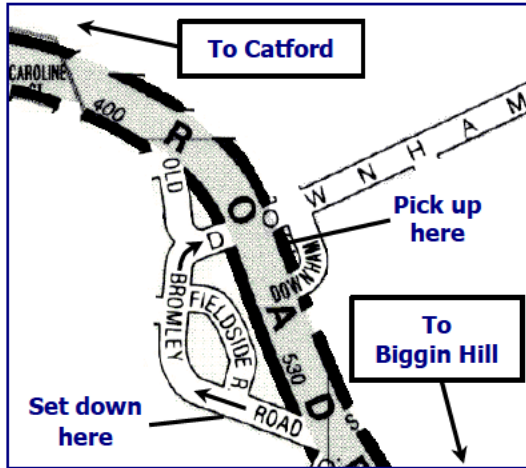
Bromley Common Crown

Turn using the 1-way loop shown, terminating at the bus stand.
Pick up / set down passengers on stand.



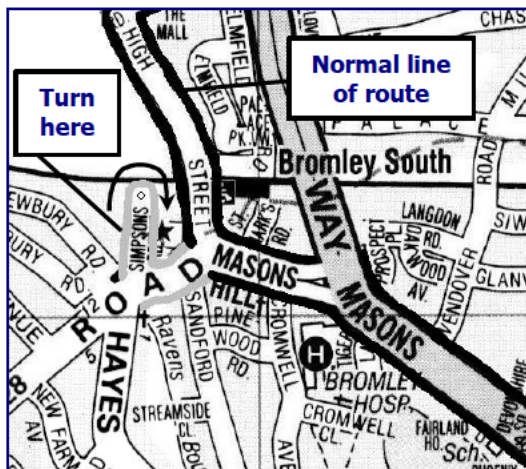
Downham Way Bromley Road (From Biggin Hill)

Approach from the south. Immediately after passing the parade of shops, there are two turnings on the left close together. Take the 2nd of these (Old Bromley Road). Set down passengers and take any excess stand time at the bus stop outside McDonald's. To start your next journey, continue along Old Bromley Road and follow right into Downham Way. Turn right at traffic lights into Bromley Road and pick up passengers from bus stop **DA**. Follow normal line of route towards Biggin Hill from this point.



Bromley South Station

Turn into Westmoreland Road, then turn right at the traffic lights into Simpson Road. Use the roundabout outside the car park to turn round, then return to Westmoreland Road and Masons Hill.



To Catford Bridge Station:

From Biggin Hill Valley Rosehill Road:

At	Direction	Into
1 st left after bus stand	Turn left	Rosehill Road
End of road	Turn left	Sunningvale Avenue
Roundabout	Turn right (3 rd exit)	Stock Hill
Top of hill	Follow round to left	Lebanon Gardens
Traffic lights	Turn left	Main Road A233
Roundabout	Ahead (1 st exit)	Main Road A233
Mini-roundabout	Straight ahead	Westerham Road A233
Traffic lights (Keston Mark)	Straight ahead	Oakley Road A233
End of road	Turn left	Bromley Common A21
Roundabout	Ahead (1 st exit)	Bromley Common A21
Traffic lights (Hayes Lane)	Straight ahead	Masons Hill A21
Traffic lights	Bear left	Masons Hill B228
Traffic lights	Straight ahead	Bromley High Street
Traffic lights	Turn right	Elmfield Road
	Ahead	Bus gate
Traffic lights	Turn left	Kentish Way
Traffic lights	Straight ahead	Kentish Way
Traffic lights	Turn left	Widmore Road
Traffic lights	Straight ahead	Market Square
	Follow round to right	High Street
Traffic lights (Beckenham Lane)	Straight ahead	London Road
Traffic lights (Tweedy Road)	Straight ahead	London Road A21
Traffic lights (Downham Way)	Straight ahead	Bromley Road A21
Traffic lights (Beckenham Hill Rd)	Straight ahead	Bromley Road A21
Traffic lights (Southend Lane)	Straight ahead	Bromley Road A21
Traffic lights (Bellingham)	Straight ahead	Bromley Road A21
1 st traffic lights (Catford)	Straight ahead	Rushey Green
2 nd traffic lights (Catford)	Filter left	Catford Road
Traffic lights (Canadian Ave.)	Straight ahead	Catford Road
Traffic lights (Thomas Lane)	Straight ahead	Catford Road
1 st available right	Turn right	Doggett Road
		Catford Bridge Station

Emergencies

Suspect Packages

If you or one of your passengers discovers a suspicious package or bag in your vehicle, you should evacuate the vehicle immediately. Passengers should be asked to move well away from the vehicle. Please contact the police immediately (telephone 999 or 112), and then advise your Controller of the situation. You must not use a mobile telephone within 25 metres of the vehicle – use land lines to contact the police and your depot. **DO NOT USE THE VEHICLE'S RADIO.** You should follow any instructions given to you by the police, and identify yourself to the first police officer arriving at the scene.

Fires

In the event of a fire in your vehicle, you should evacuate the vehicle immediately. Passengers should be asked to move well away from the vehicle. Please contact the police and fire brigade immediately (telephone 999 or 112), and then advise your Controller of the situation. You should follow any instructions given to you by the police or fire brigade, and identify yourself to the first officer arriving at the scene.

Low Bridge Strikes

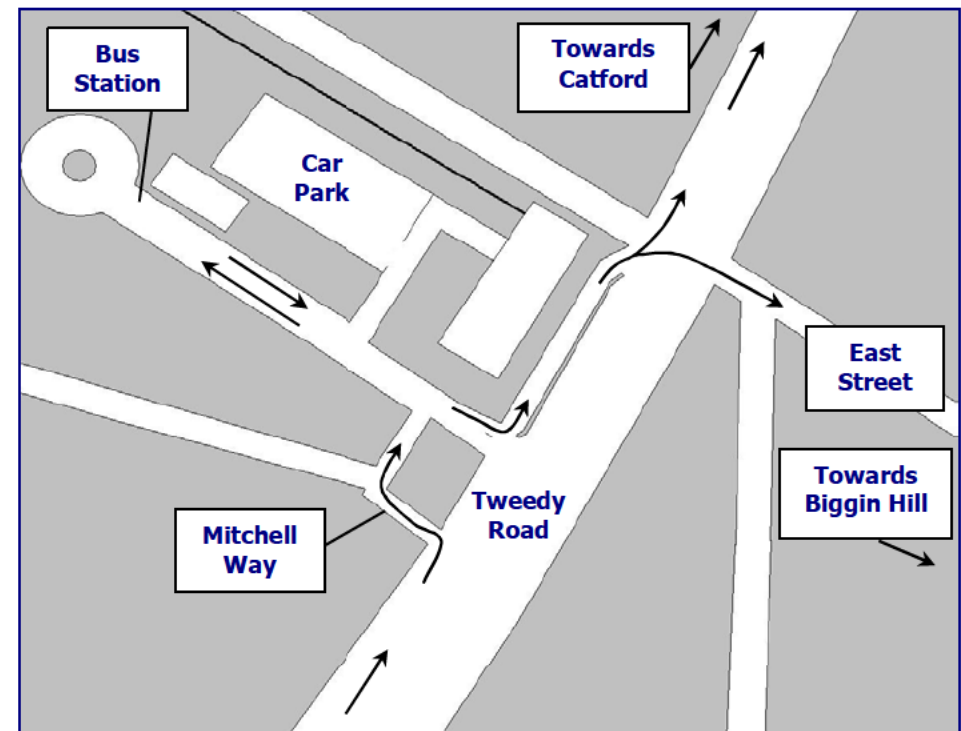
You should contact Network Rail and the police immediately in the event of a collision with a railway bridge, even if the contact only appears to be slight. Details of the bridge's identification and the relevant contact number for Network Rail will be displayed on a plate on or near the bridge. Telephone 999 or 112 to contact the police. You must also advise your Controller of the situation. Please follow any instructions given to you by the police or Network Rail, and identify yourself to the first officer arriving at the scene.

Diversions

You will usually be advised by either CentreComm (London Buses) or your depot if there is a diversion in place that affects you. However, if you unexpectedly discover that a road you would normally use is blocked, you should contact your Controller for advice. **Never leave line of route unless you are following an alternative route that is suitable for your vehicle** (as described by CentreComm or your Controller).

Bromley North Station

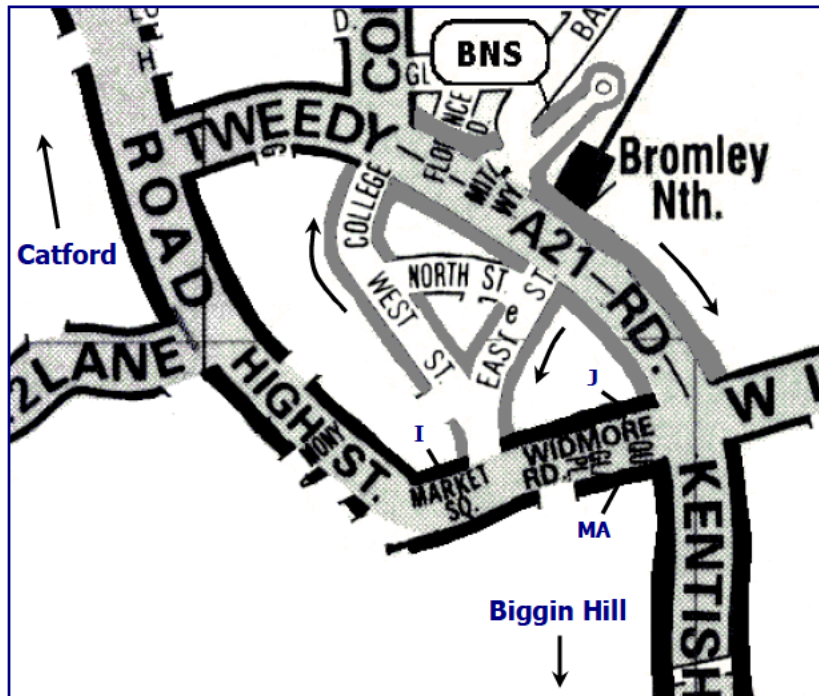
Enter Bus Station via Mitchell Way as shown. Take stand time as necessary in bus station. When resuming service towards Catford, depart via Tweedy Road. When resuming service towards Biggin Hill, depart via East Street.



Bromley North Station (BNS)

From Biggin Hill: Set down passengers at bus stop **MA** in Widmore Road. Turn right at traffic lights into East Street (becomes West Street then College Road). Turn right at traffic lights into Tweedy Road, and then take 2nd left into Mitchell Way. Follow round to the right, and then turn left into Northside Road. Follow ahead into bus station and take stand time as necessary. When commencing next journey, return along Northside Road. Continue ahead into Mitchell Way and turn left into Tweedy Road. Turn right at traffic lights into East Street. Turn left at traffic lights at end of road into Widmore Road. Pick up passengers and re-commence service (towards Biggin Hill) from bus stop **J** in Widmore Road. Also see facing page.

From Catford: Set down passengers at bus stop **I** in Market Square. Turn left at traffic lights into East Street (becomes West Street then College Road). Turn right at traffic lights into Tweedy Road, and then take 2nd left into Mitchell Way. Follow round to the right, and then turn left into Northside Road. Follow ahead into bus station and take stand time as necessary. When commencing next journey, return along Northside Road. Continue ahead into Mitchell Way and turn left into Tweedy Road. Continue ahead at 1st traffic lights to stay in Tweedy Road. Turn right at next traffic lights into Widmore Road. Pick up passengers and re-commence service (towards Catford) from bus stop **MA** in Widmore Road. Also see facing page.



Emergency Radio Procedure (Code Red)

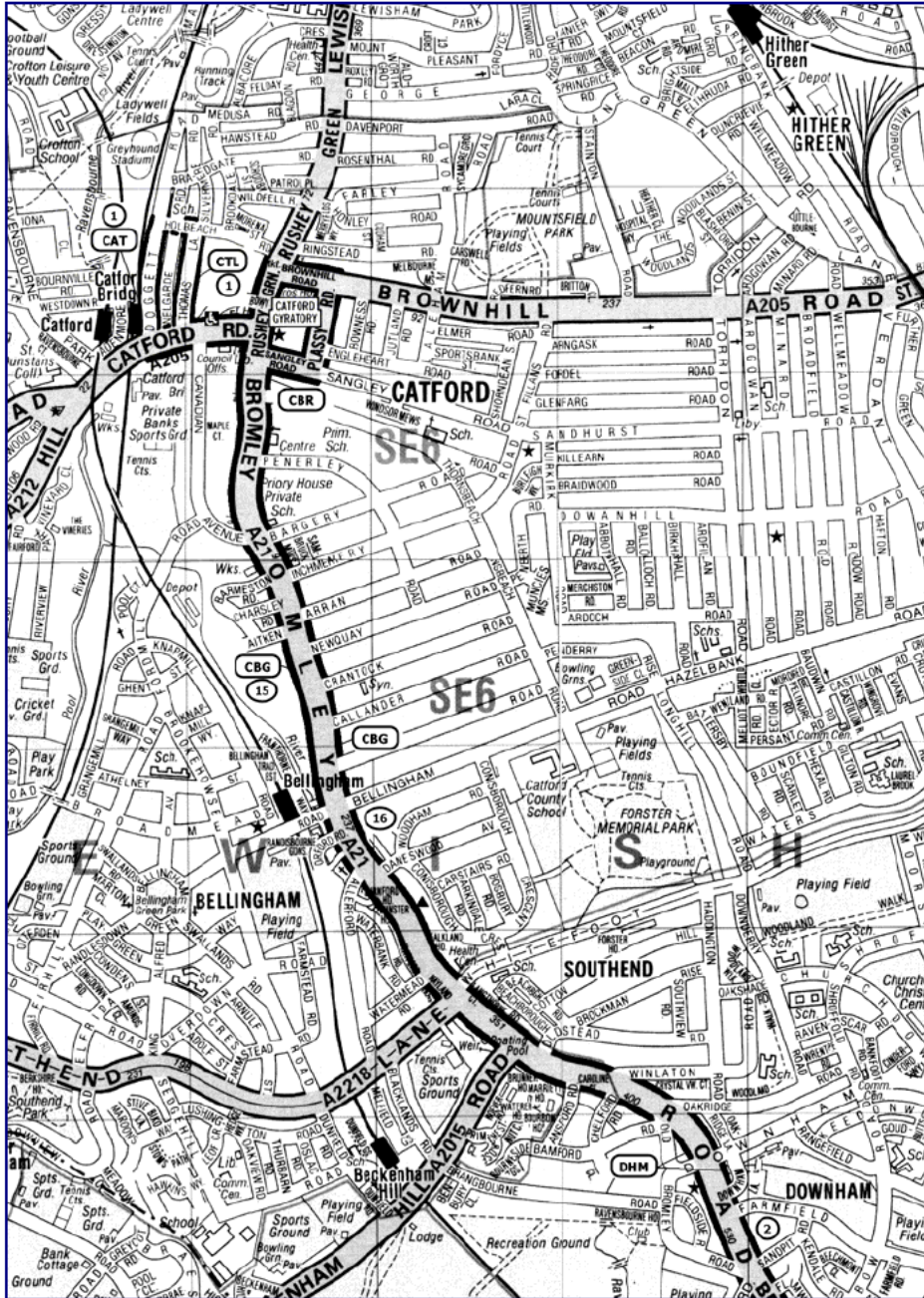
If you require the Emergency Services to attend your vehicle (for example in the event of passenger injury, assault or major RTA), you should contact CentreComm using the radio's Code Red facility. To call CentreComm, hold down the Code Red button on your vehicle's radio for at least 1 second (until you hear a ringing tone to indicate that your call has been connected).

Once your call has been answered, you do not need to press any other button on the radio. Hold down the foot switch in the cab when you are speaking, and end what you have to say with the word "over" to indicate that you expect a response, or "over and out" if this is the end of your communication. Release the foot switch when you are not speaking. Remember to speak slowly and clearly. Note that you will usually receive a radio call from your depot shortly after you make a Code Red call.

You should not use the radio whilst the vehicle is in motion.

You must not use the radio to report the presence of a suspect package (see opposite page).

Route Map



Curtailment Points & Large-Scale Maps

Catford Bridge Station

Set down passengers at the bus stop in Doggett Road. Take stand time at the bus stand in Thomas Lane. Pick up passengers at bus stop Q in Thomas Lane. Approach Catford via the A21, Catford Road and Doggett Road. Depart via Thomas Lane, Catford Road, Catford Gyratory and the A21.

