

## Contact Numbers

Orpington AVL



Orpington Control



London Travel Info 020 7222 1234

Emergencies 999 or 112

London Police



Metrobus Website [www.metrobus.co.uk](http://www.metrobus.co.uk)

# Route Guide & Risk Assessment



# R4

Locksbottom ♦ Northlands Estate ♦  
Orpington ♦ Ramsden Estate ♦  
St. Mary Cray ♦ Pauls Cray Hill

**If you are  
unsure at any  
point, you  
should contact  
your Controller  
via the radio  
system or by  
telephoning  
your depot**

## **Contents**

Out of Service Routeings	2-3
Route Directions	4-6
Local Hazards	7
Emergencies	8-9
Duty Card Abbreviations	10
Fare Stage List	10
Blind & AVL Code List	11
Route Map	12-13
Curtalement Points	14-21
Facilities	22
Points to Note	23

# Out of Service Routeings

## To Locksbottom Princess Royal Hospital:

At	Direction
Depot exit	Turn left
Roundabout	Turn right (3 <sup>rd</sup> exit)
Roundabout	Ahead (1 <sup>st</sup> exit)
Traffic lights	Straight ahead
Hospital entrance (before lights)	Turn right
Mini-roundabout	Straight ahead
In front of hospital building	Follow round to right
1 <sup>st</sup> right	Turn right

**Into**  
Farnborough Hill  
Farnborough Way A21  
Farnborough Way  
The Green  
Hospital driveway  
Car park access road  
Car park access road  
Car park access road  
**Locksbottom**

## To Pauls Cray Hill Augustine Road:

At	Direction
Depot exit	Turn right
Mini-roundabout	Turn left
Roundabout	Ahead (1 <sup>st</sup> exit)
Tunnel	Through tunnel
Roundabout	Ahead (2 <sup>nd</sup> exit)
Mini-roundabout	Straight ahead
Mini-roundabout	Straight ahead
Orpington one-way system	Follow to left
	Follow to right
End of road	Turn right
End of road	Turn left
Traffic lights	Turn left
Traffic lights (Poverest Road)	Straight ahead
1 <sup>st</sup> left after railway bridge	Turn left
End of road	Turn right
End of road	Turn right
Traffic lights	Straight ahead
	Follow round to left
6 <sup>th</sup> right	Turn right
End of road	Turn right
1 <sup>st</sup> right	Turn right

**Into**  
Farnborough Hill  
Sevenoaks Road A223  
Sevenoaks Road  
  
High Street (Orpington)  
High Street  
High Street  
Chislehurst Road  
Goodmead Road  
Perry Hall Road  
High Street  
Cray Avenue A224  
Cray Avenue  
Station Approach  
Chipperfield Road  
Leesons Hill  
Station Road  
Main Road  
Chalk Pit Avenue  
Edmunds Avenue  
Augustine Road  
**Pauls Cray Hill**

## To Orpington Station:

At	Direction
Depot exit	Turn right
Mini-roundabout	Turn left
Roundabout	Ahead (1 <sup>st</sup> exit)
Tunnel	Through tunnel
Roundabout	Turn left (1 <sup>st</sup> exit)
Just before bridge	Turn right
Mini-roundabout	Turn right

**Into**  
Farnborough Hill  
Sevenoaks Road A223  
Sevenoaks Road  
  
Station Road  
Station Approach  
**Orpington** Bus Station

# 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.

## Hail & Ride Operation

Please note that the following sections of route have no fixed bus stops:

- \* Starts Hill Road;
- \* Tubbenden Lane & Northlands Estate;
- \* Between Renton Drive & Chelsfield Road (includes Cockmannings Est.);
- \* Between Main Road & Augustine Road (St. Mary Cray / Pauls Cray Hill).

"Hail & Ride" conditions are in use along these sections of route. You should stop to pick up / set down passengers (by request) wherever it is safe and reasonable to do so.

## Meal Breaks

Meal breaks for duties on route R4 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

## Orpington Station

Toilet facilities are available inside Orpington station.



## Return from Locksbottom Princess Royal Hospital:

At	Direction	Into
Barrier ("Buses Only")	Straight ahead	Access road
End of road	Turn right	Access road
Mini-roundabout	Turn left	Hospital driveway
End of road	Turn left	Farnborough Common
Traffic lights	Straight ahead	The Green A21
Roundabout	Ahead (2 <sup>nd</sup> exit)	Farnborough Way A21
Roundabout	Turn left (1 <sup>st</sup> exit)	Farnborough Hill
1 <sup>st</sup> entrance right	Turn right	<b>Orpington Depot</b>

## Return from Pauls Cray Hill Augustine Road:

At	Direction	Into
End of Augustine Road	Turn left	Chalk Pit Avenue
End of road	Turn left	Main Road
	Follow round to right	Station Road
Traffic lights	Turn left	Cray Avenue A224
Traffic lights (Poverest Road)	Straight ahead	Cray Avenue
Traffic lights	Turn right	Orpington High Street
Mini-roundabout	Straight ahead	High Street
Mini-roundabout	Straight ahead	High Street
Roundabout	Ahead (2 <sup>nd</sup> exit)	Sevenoaks Road
Tunnel	Through tunnel	
Roundabout	Ahead (2 <sup>nd</sup> exit)	Sevenoaks Road
Mini-roundabout	Turn right	Farnborough Hill
		<b>Orpington Depot</b>

## Return from Orpington Station:

Turn round in Bus Station, then:

At	Direction	Into
Mini-roundabout (Bus Stn. exit)	Straight ahead	Station Approach
End of road	Turn left	Station Road
Roundabout	Turn right (3 <sup>rd</sup> exit)	Sevenoaks Road A223
Tunnel	Through tunnel	
Roundabout	Ahead (2 <sup>nd</sup> exit)	Sevenoaks Road
Mini-roundabout	Turn right	Farnborough Hill
1 <sup>st</sup> entrance left	Turn left	<b>Orpington Depot</b>

# Route Directions

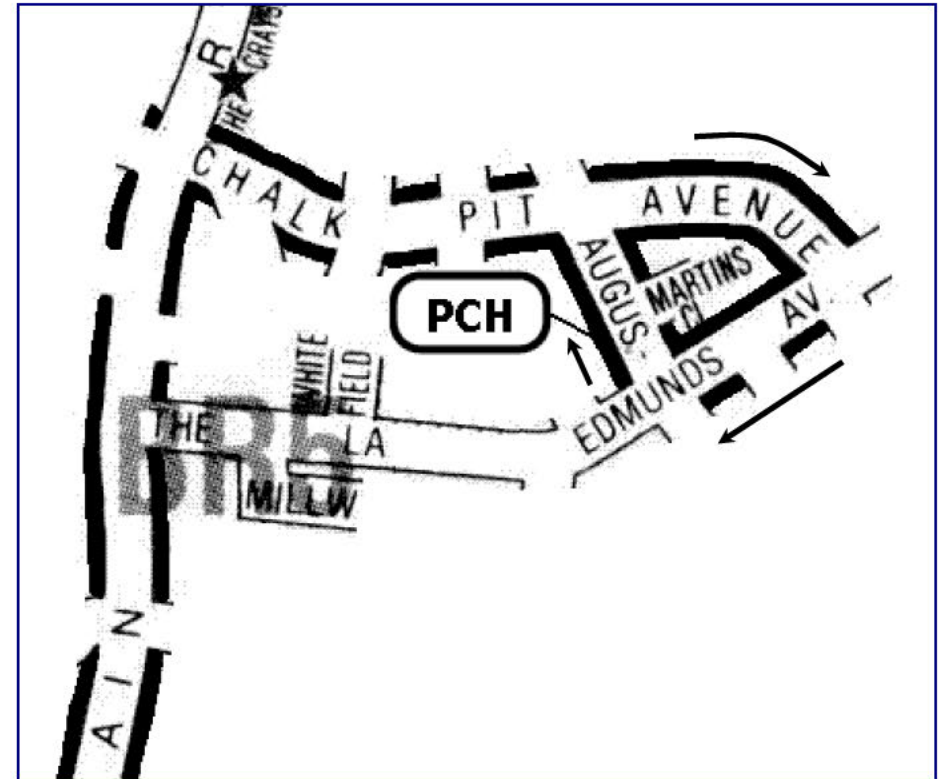
## To Pauls Cray Hill Augustine Road:

**From Locksbottom** Princess Royal Hospital:

At	Direction	Into
Barrier ("Buses Only")	Straight ahead	Access road
End of road	Turn right	Access road
Mini-roundabout	Turn left	Hospital driveway
End of road	Turn right	Farnborough Common
Traffic lights (The Fantail)	Turn right	Crofton Road A232
3 <sup>rd</sup> available right	Turn right	Starts Hill Road
Traffic lights	Turn left	Farnborough Way A21
Roundabout	Turn left (1 <sup>st</sup> exit)	Tubbenden Lane
1 <sup>st</sup> right	Turn right	Beechcroft Road
Roundabout	Ahead (2 <sup>nd</sup> exit)	Southlands Avenue
	Follow round to left	Northlands Avenue
Roundabout	Ahead (2 <sup>nd</sup> exit)	Tubbenden Drive
End of road	Turn right	Tubbenden Dr. (access rd)
End of road	Turn right	Tubbenden Lane
End of road	Turn left	Station Road A232
1 <sup>st</sup> right (immediate)	Turn right	Station Approach
Mini-roundabout	Turn right	Bus Station
Bus Station	Serve bus stop <b>D</b>	
Mini-roundabout (Bus Stn. exit)	Straight ahead	Station Approach
End of road	Turn left	Station Road
Roundabout (War Memorial)	Turn left (1 <sup>st</sup> exit)	High Street (Orpington)
Mini-roundabout	Straight ahead	High Street
Mini-roundabout	Straight ahead	High Street
Orpington one-way system	Follow to left	Chislehurst Road
	Follow to right	Goodmead Road
End of road	Turn right	Perry Hall Road
End of road	Turn left	High Street
Traffic lights	Turn right	Court Road A224
Traffic lights	Turn left	Ramsden Road
Roundabout	Ahead (2 <sup>nd</sup> exit)	Ramsden Road
End of road	Turn left	Tintagel Road
1 <sup>st</sup> right (immediate)	Turn right	Petten Grove
End of road	Turn left	Chelsfield Lane
2 <sup>nd</sup> right	Turn right	Renton Drive
1 <sup>st</sup> left	Turn left	Rookesley Road
3 <sup>rd</sup> right	Turn right	Somerden Road
1 <sup>st</sup> left	Turn left	Waldenhurst Road

## Pauls Cray Hill Augustine Road

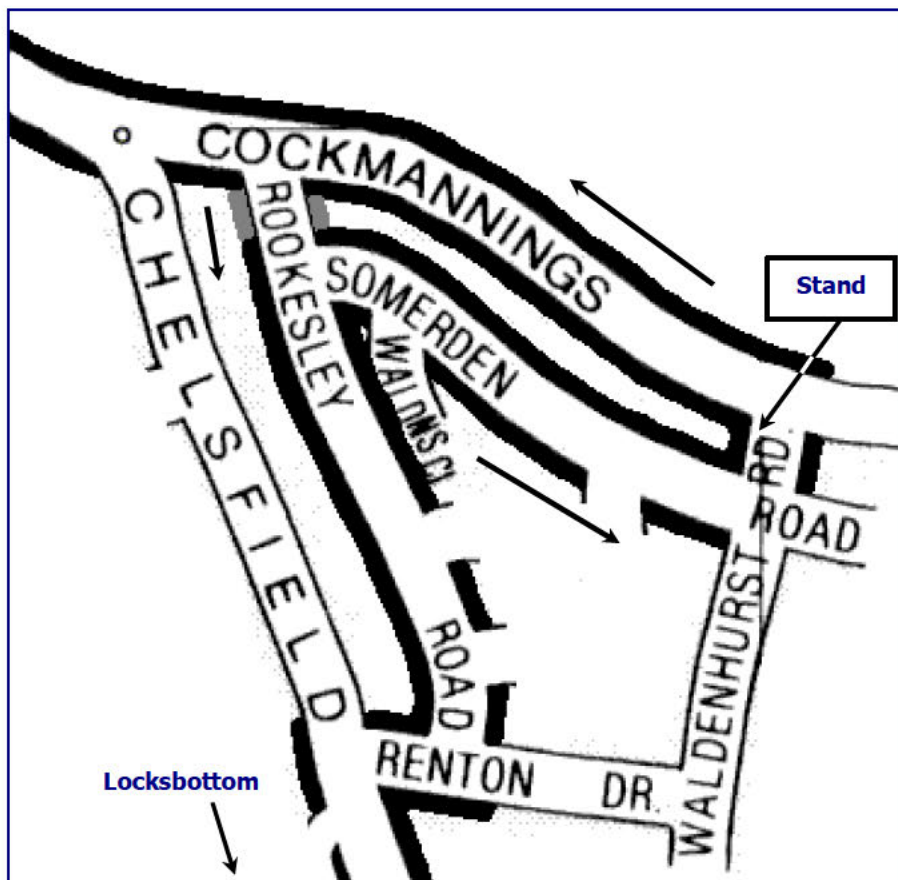
Pick up / set down passengers at the bus stand in Augustine Road (PCH). Please switch off your vehicle's engine if you are on stand for more than 1 minute. Always serve the loop clockwise.





## Cockmannings Estate Waldenhurst Rd. (from Locksbottom)

Set down passengers and take excess stand time at the bus stand in Waldenhurst Road (PCH). Please switch off your vehicle's engine if you are on stand for more than 1 minute. When commencing the next journey (towards Locksbottom), turn left at the end of Waldenhurst Road into Cockmannings Road, and then take the first left into Rookesley Road. After passing the junction with Somerden Road, "hail & ride" conditions resume as normal.



### At

End of road  
Mini-roundabout  
Mini-roundabout  
Mini-roundabout

End of road

6<sup>th</sup> right  
End of road  
1<sup>st</sup> right

### Direction

Turn left  
Straight ahead  
Turn right  
Straight ahead  
Pass under bridge  
Turn right  
Follow round to left  
Turn right  
Turn right  
Turn right

### Into

Cockmannings Road  
Chelsfield Road  
St. Mary Cray High Street  
Mill Brook Road  
Mill Brook Road  
Station Road  
Main Road  
Chalk Pit Avenue  
Edmunds Avenue  
Augustine Road  
**Pauls Cray Hill**

## To Locksbottom Princess Royal Hospital:

From Pauls Cray Hill Augustine Road:

### At

End of Augustine Road  
End of road

1<sup>st</sup> left (immediate)

Mini-roundabout

Mini-roundabout

Mini-roundabout

2<sup>nd</sup> right

Crossroads

End of road

End of road

End of road

2<sup>nd</sup> right

End of road

1<sup>st</sup> right (immediate)

Roundabout

Traffic lights

Traffic lights

Mini-roundabout

Mini-roundabout

Roundabout (War Memorial)

Just before bridge

Mini-roundabout

Bus Station

Mini-roundabout (Bus Stn. exit)

End of road

1<sup>st</sup> right

7<sup>th</sup> left

1<sup>st</sup> left

Roundabout

Roundabout

End of road

Roundabout

Traffic lights

End of road

Traffic lights (The Fantail)

1<sup>st</sup> available left

Mini-roundabout

In front of hospital building

1<sup>st</sup> right

### Direction

Turn left

Turn left

Follow round to right

Turn left

Pass under bridge

Straight ahead

Turn left

Straight ahead

Turn right

Turn right

Turn left

Turn right

Turn left

Turn right

Turn left

Turn right

Ahead (2<sup>nd</sup> exit)

Turn right

Turn left

Straight ahead

Straight ahead

Turn right (3<sup>rd</sup> exit)

Turn right

Turn right

Serve bus stop **D**

Straight ahead

Turn left

Turn right

Turn left

Turn left

Ahead (2<sup>nd</sup> exit)

Follow round to right

Ahead (2<sup>nd</sup> exit)

Turn left

Turn right (2<sup>nd</sup> exit)

Turn right

Turn left

Turn left

Turn left

Straight ahead

Follow round to right

Turn right

### Into

Chalk Pit Avenue

Main Road

Station Road

Mill Brook Road

Mill Brook Road

St. Mary Cray High Street

Chelsfield Road

Cockmannings Road

Waldenhurst Road

Somerden Road

Rookesley Road

Renton Drive

Chelsfield Lane

Petten Grove

Tintagel Road

Ramsden Road

Ramsden Road

Court Road

High Street (Orpington)

High Street

High Street

Station Road A232

Station Approach

Bus Station

Station Approach

Station Road

Tubbenden Lane

Tubbenden Drive (access rd)

Tubbenden Drive

Northlands Avenue

Southlands Avenue

Beechcroft Road

Tubbenden Lane

Farnborough Way A21

Starts Hill Road

Crofton Road A232

Farnborough Common

Hospital driveway

Car park access road

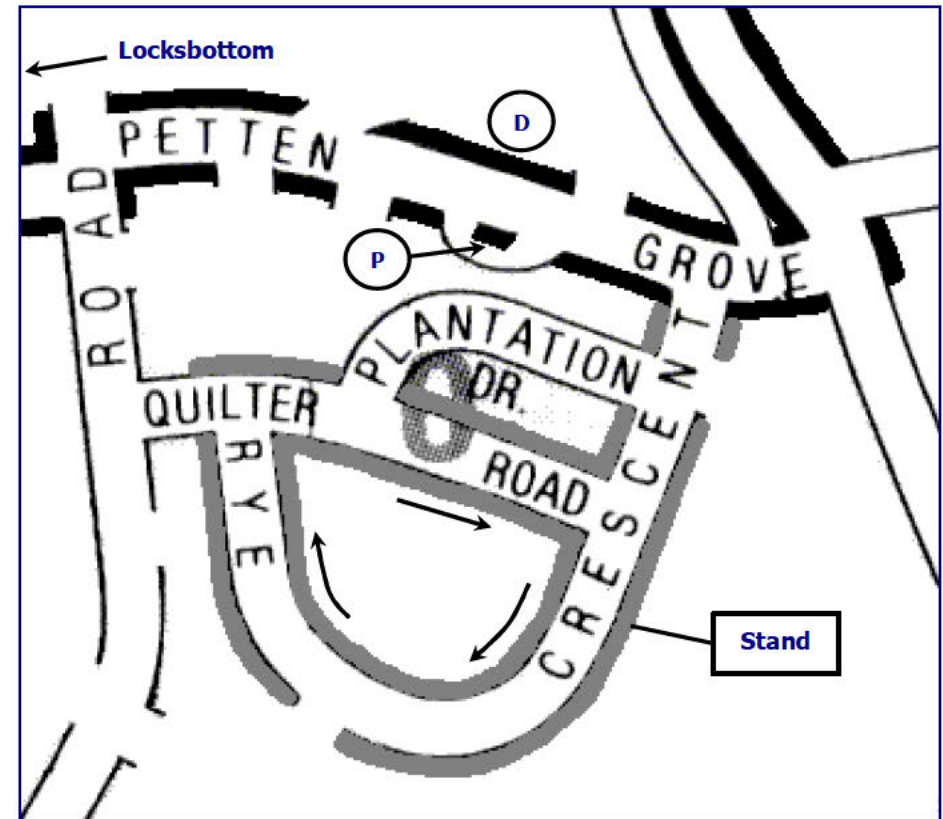
Car park access road

Car park access road

**Locksbottom**

## Ramsden Estate Rye Crescent (from Locksbottom)

Set down passengers at bus stop **D** in Petten Grove. From here, take the 2<sup>nd</sup> right into Rye Crescent. Take excess stand time at the bus stand in this road. When commencing the next journey (towards Locksbottom), continue to the end of Rye Crescent and turn right into Quilter Road. Turn left at the end of this road into Rye Crescent. Turn left at the end of this road into Petten Grove. Pick up passengers and commence service (towards Locksbottom) from bus stop **P** in Petten Grove.



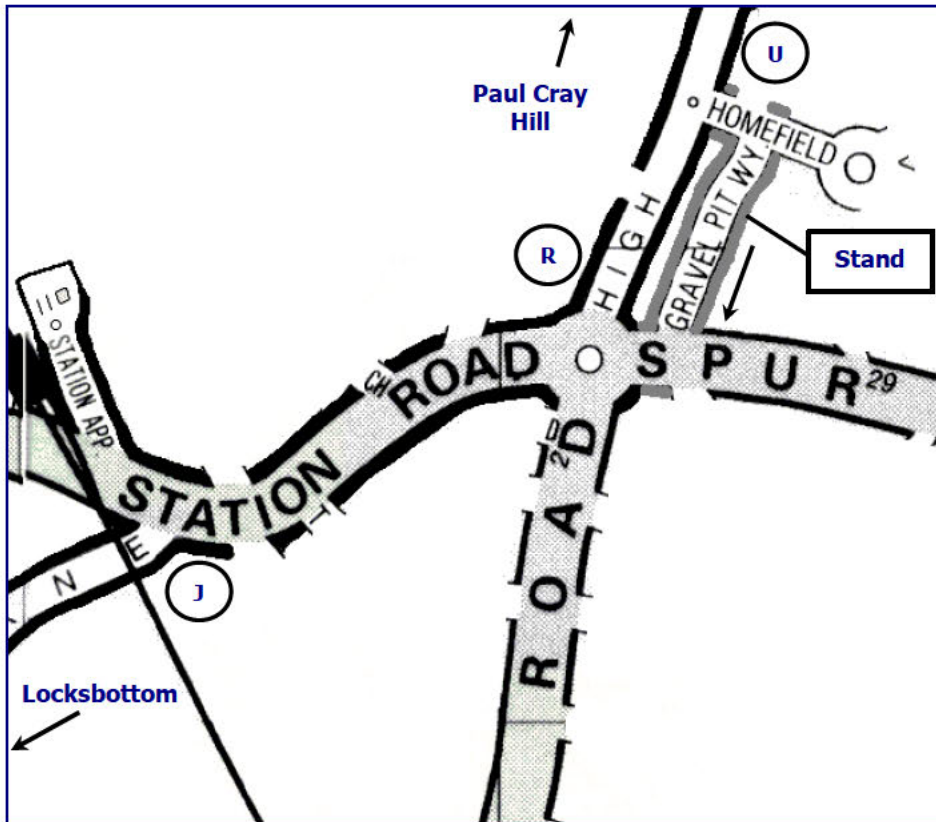


## Orpington Walnuts Centre / Gravel Pit Way

Always approach via Orpington High Street and Homefield Rise. After turning into Homefield Rise (at the mini-roundabout), take the first right (Gravel Pit Way). Take excess stand time at the bus stand in Gravel Pit Way. Exit via Spur Road as shown.

On journeys from Locksbottom, set down passengers at bus stop **R** in Orpington High Street, and pick up passengers from bus stop **J** in Station Road.

On journeys from Locksbottom, set down passengers at bus stop **U** in Orpington High Street, and pick up passengers from bus stop **R** in Orpington High Street.



# Local Hazards

## Low Bridge – Tubbenden Lane

There is a low bridge over this road in Orpington. There are also low trees along this road. Therefore, **double deck vehicles must not be used on this route.**

## Orpington Station

You should switch off your engine whilst on stand in Orpington Bus Station. Please exercise caution when reversing into the parking bays.

## Orpington High Street

Orpington is a busy shopping centre. Please be aware that pedestrians may step into the road unexpectedly, particularly when serving Orpington High Street.

## Pauls Cray Hill / St. Mary Cray / Cockmannings, Ramsden & Northlands Estates

Several of the roads used on this route are narrow, with parked cars on both sides. Please keep to an appropriate speed, and be prepared to give way to oncoming traffic where necessary. Also note that St. Mary Cray High Street and Tintagel Road (Ramsden Estate) have speed humps – your speed should be adjusted accordingly.



# 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

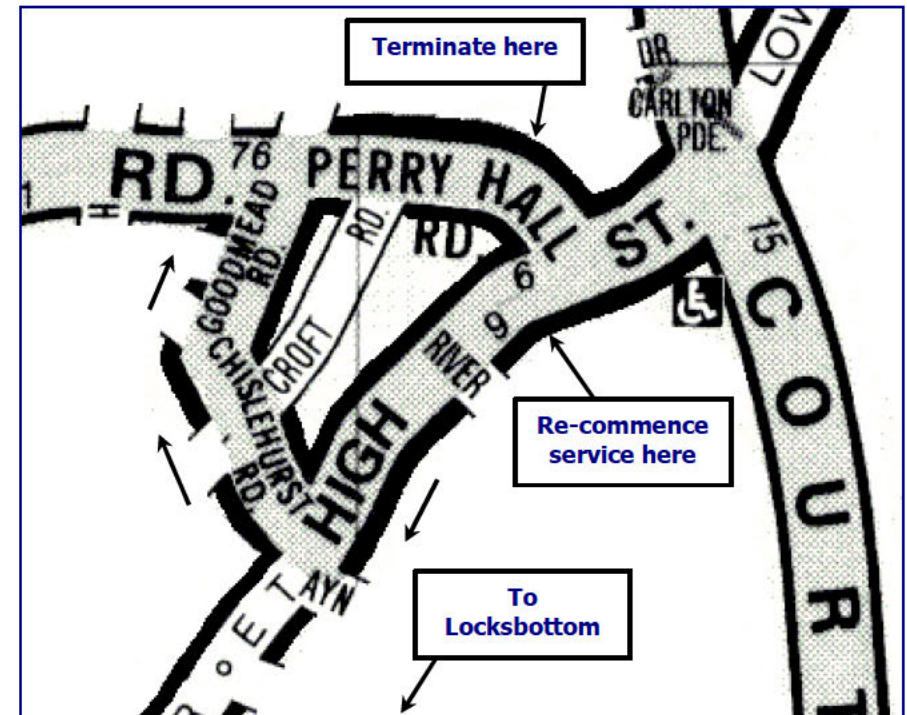
You should contact Network Rail and the police immediately in the event of a collision with a railway bridge, even if the contact only appears to be slight. Details of the bridge's identification and the relevant contact number for Network Rail will be displayed on a plate on or near the bridge. Telephone 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).

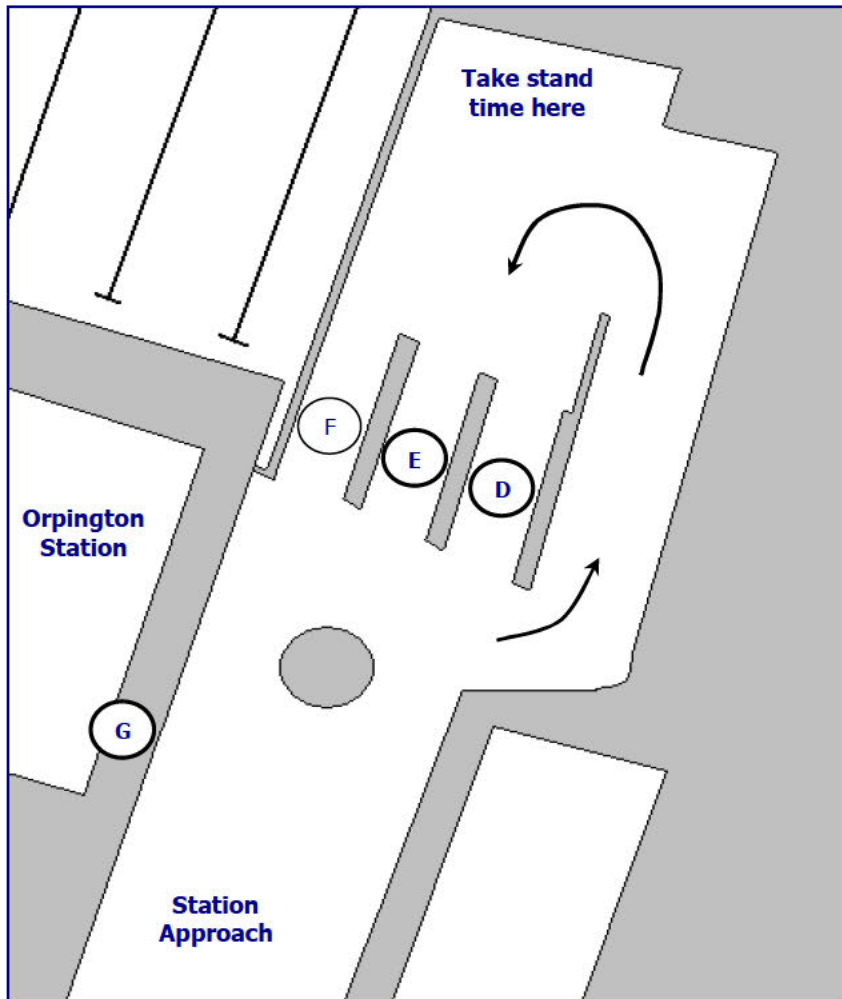
## Orpington Perry Hall Road (from Locksbottom)

Follow normal line of route until entering Orpington 1-way system. After turning right into Perry Hall Road, terminate at the bus stand in this road. When commencing the next journey (towards Locksbottom), turn right into Orpington High Street and pick up passengers from the 1<sup>st</sup> bus stop.



## Orpington Bus Station

Turn right at the mini-roundabout, then follow the access road round to the left to enter the bus station. On journeys towards Locksbottom, serve bus stop **D**. On journeys towards Pauls Cray Hill, serve bus stop **E**. To exit, proceed straight ahead at mini-roundabout and down Station Approach. If terminating here, set down passengers at bus stop **G**, and take excess stand time in one of the parking bays at the rear of the bus station.



## 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).



# Duty Card Abbreviations

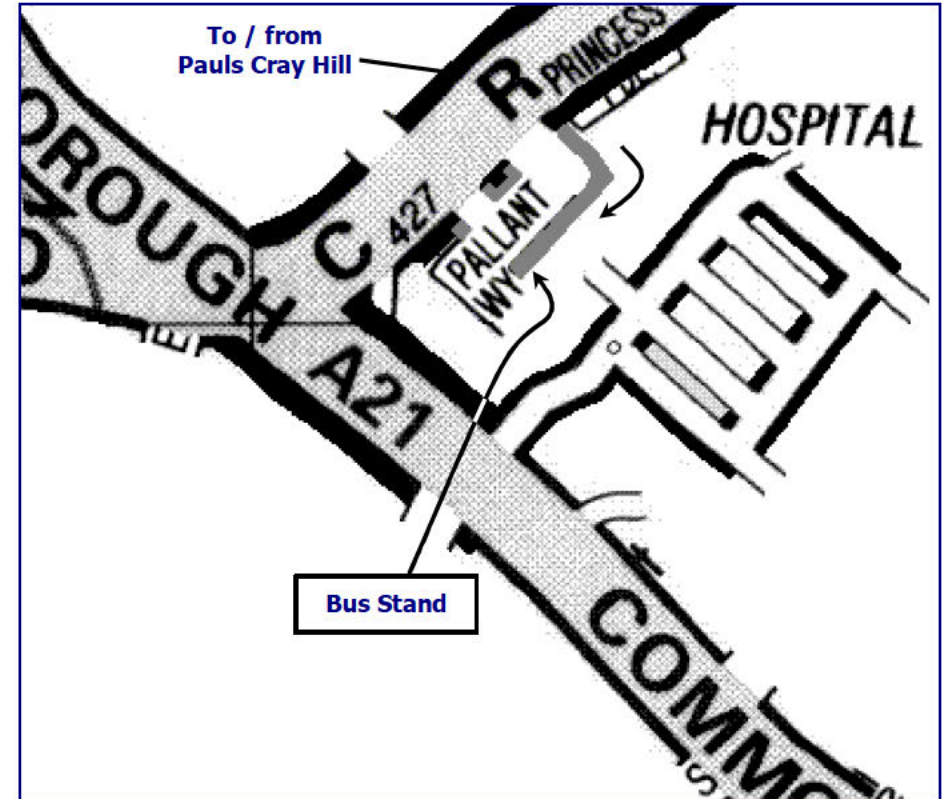
Code	Explanation
CKE	<b>Cockmannings Estate</b> Rookesley Road
FTL	<b>Farnborough</b> Tubbenden Lane
LB	<b>Locksbottom</b> Crofton Road
NLA	<b>Northlands Avenue</b> Haywood Rise
OBS	<b>Orpington</b> Bus Station
OCP	<b>Orpington</b> Carlton Parade
OM	<b>Orpington</b> War Memorial
PCH	<b>Pauls Cray Hill</b> Augustine Road
PRU	<b>Locksbottom</b> PRU Hospital
SMW	<b>St. Mary Cray Village</b> Sandway Road

## Fare Stages

Stage	Definition
10	<b>Pauls Cray Hill</b> Augustine Road
11	<b>St. Mary Cray Village</b> Station Road
16	<b>Orpington</b> Station
19	<b>Princess Royal University Hospital</b>

### Locksbottom Pallant Way (from Pauls Cray Hill)

Follow normal line of route to Crofton Road. Just before reaching the petrol station in Locksbottom, turn left into Pallant Way. Follow the road round to the right. Set down and stand at the bus stand, **taking care to avoid the low wall on the left**. To start the next journey, turn right at the end of Pallant Way into Crofton Road and resume normal line of route towards Pauls Cray Hill.

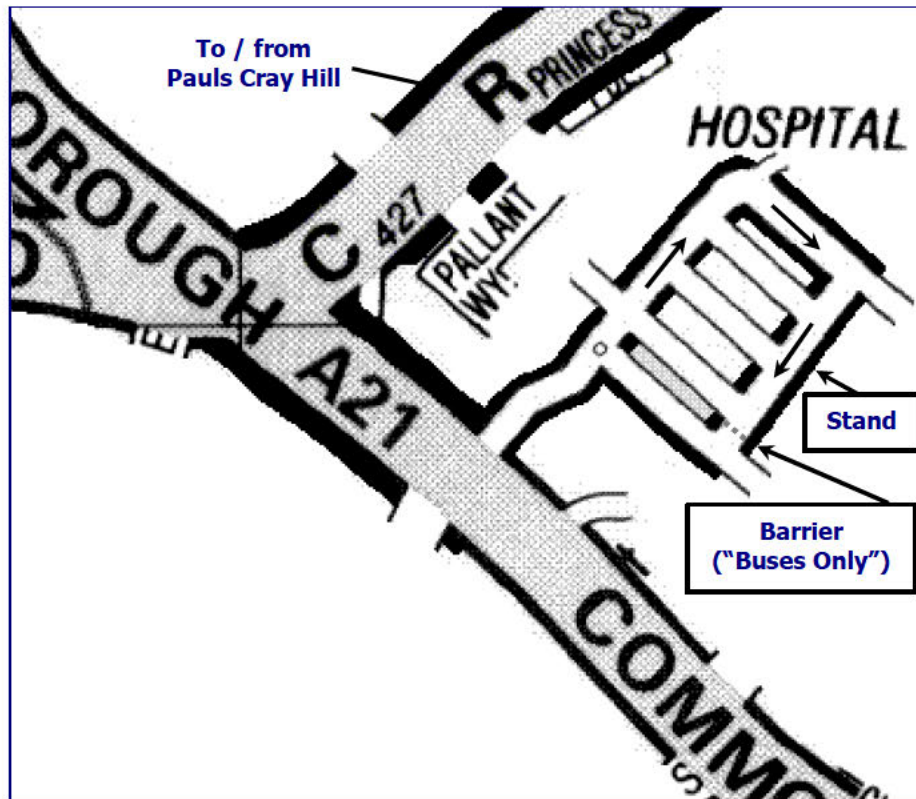




# Curtailment Points

## Locksbottom Princess Royal Hospital

Follow the loop clockwise around the car park as shown. Take stand time at the bus stand. Passengers may board or alight at the stand. To exit, continue straight ahead past the (open) barrier (where the road markings say "Buses Only"). Turn right at the end of the road and proceed to the mini-roundabout. Turn left at the mini-roundabout to return to the A21.



# Blind & AVL Codes

Blind	AVL	Destination
G4	98	Not In Service
G6	30	Orpington
G9	88	Locksbottom
M1	98	Not In Service
M3	17	Pauls Cray Hill
M7	29	Orpington Station



# Route Map

