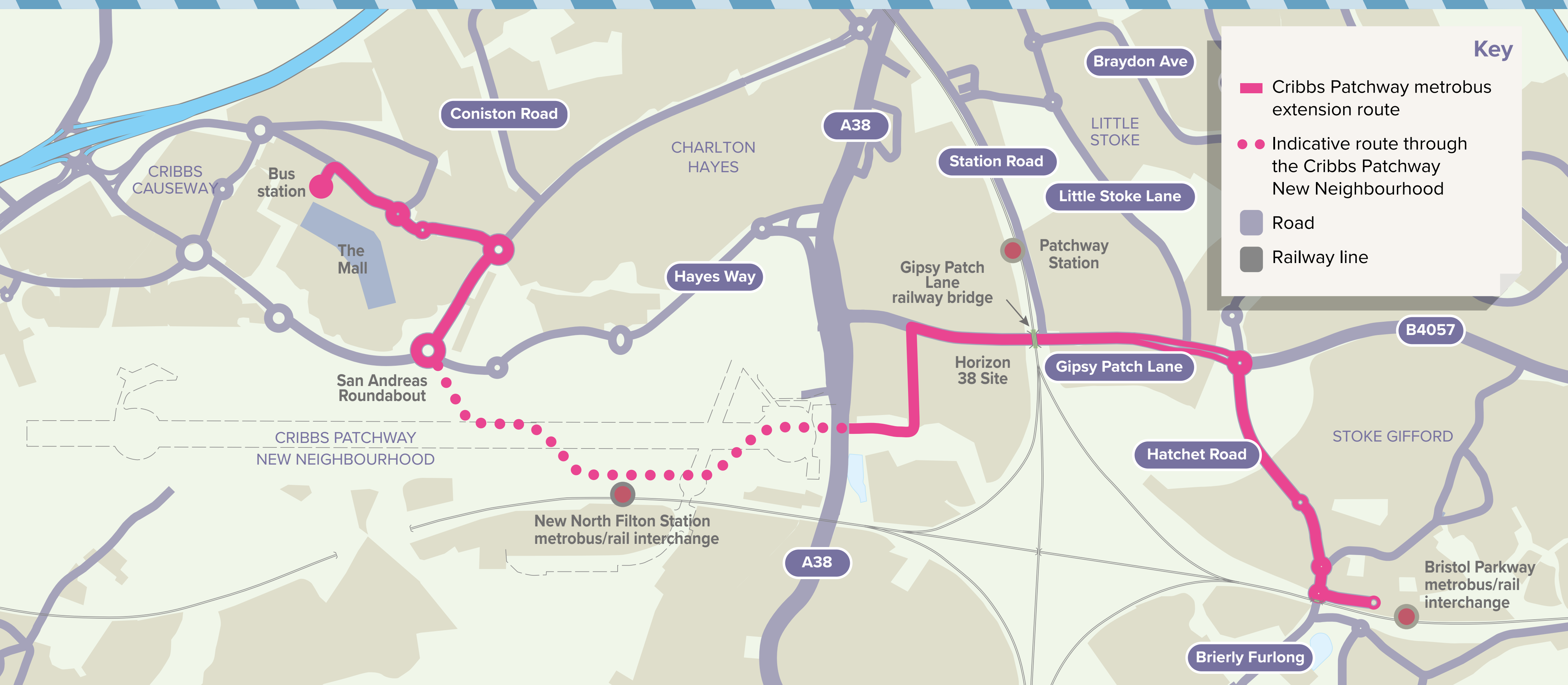


Cribbs Patchway metrobus extension works



metrobus

metrobus is part of the West of England's vision for improved public transport. Three metrobus services are already in operation in the West of England, with the M1 and M3 serving South Gloucestershire.

Since its launch, more than 70,000 people use the metrobus system each week and thanks to the buy before you board ticketing service boarding times are five times faster than regular bus services.

Benefits of metrobus include:

- Buy tickets before you board at iPoints or on your smartphone for faster boarding
- Priority bus lanes and limited stopping at key destinations means shorter journey times
- Modern, environmentally friendly vehicles with free WiFi and USB charging points.

An overview

The Cribbs Patchway metrobus extension (CPME) will extend the existing metrobus network. It will link Bristol Parkway Station with The Mall via Hatchet Road, Gipsy Patch Lane and through the new Horizon 38 site and Cribbs Patchway New Neighbourhood (CPNN) on the former Filton Airfield.

The extension is part of a package of improvements to deal with the associated impact of the CPNN, where approximately 5,700 homes will be built alongside 50 hectares of employment and a range of other uses. It will also support communities in Stoke Gifford and Patchway.

The £57 million scheme is being funded by the West of England Combined Authority (WECA).





Gipsy Patch Lane railway bridge

A significant element of the CPME is the replacement of the existing railway bridge on Gipsy Patch Lane.

The current bridge creates a traffic bottleneck, causing queues on Gipsy Patch Lane, and only allows for a very narrow footpath for pedestrians on one side of the road.

The replacement bridge will result in:

- A general traffic lane in each direction
- East and west bound bus lanes
- Shared use paths for cyclists and pedestrians on both sides of the road
- Removal of the current height restriction which does not meet national design standards.

The council is working with Network Rail and their contractors Alun Griffiths to provide the new wider bridge.

Once complete, the new railway bridge will weigh approximately 4,500 tonnes with piled foundations to a depth of 24 metres. The new bridge will have a design life of up to 125 years helping to futureproof the local road and rail network.



Cribbs Patchway metrobus extension works



Work so far

Preparation works for the replacement of the railway bridge began in summer 2019.

Ongoing work has included:

- Clearance of trees and shrubs around the railway bridge
- Establishing a construction compound in the Horizon 38 Business Park next to the railway bridge
- Construction of the new railway bridge in the compound
- Removal of the pill box
- Foundation works at the four corners of the new bridge (piling)
- Unexploded ordnance (UXO) survey
- Diversion of lineside equipment
- Topographical surveys
- Track surveys
- Creation of temporary road ready to support new bridge when moved into place
- Road crossing points for machinery and materials
- Underground CCTV survey of all drainage systems in area.

Preparatory works will continue until early March 2020.

Gipsy Patch Lane has and will remain open during the preparation work.

To enable the work to take place Stop/Go boards are being used to allow workers and machinery from the construction compound to safely cross Gipsy Patch Lane. To reduce the amount of disruption and delay to traffic, their use is being kept to a minimum and as far as possible to off-peak times





Gipsy Patch Lane closure 2020

The new railway bridge requires extensive engineering works, including the demolition of the existing railway bridge and lowering the road (to conform to national design standards for headroom under bridges).

To enable this work to take place Gipsy Patch Lane will be closed at the railway bridge to all road users for approximately eight months from early March 2020. However, Network Rail and their contractors Alun Griffiths will be working towards opening a route for pedestrians and cyclists as soon as possible.

Rail closure 2020

During Easter 2020 the railway line will also be closed for up to 9 days while the existing bridge is demolished and the new bridge manoeuvred into position. Network Rail and local train operators will share information about replacement services closer to the time.

Once the new bridge is in place, further work will need to be carried out on the highway below to make way for the new bus lanes and shared use cycle and pedestrian pathways.

Work being carried out during the remainder of the eight-month road closure will include:

- Demolition and excavation of the existing carriageway underneath the bridge
- Re-grading the junction with Station Road to tie-in with the new carriageway level
- Utility diversions underneath the new cycle and pedestrian pathways
- Installation of new surface water drainage system, including pumping station
- Installation of new street lighting
- Construction of new carriageway and pathways
- New traffic signs, road markings and landscaping/planting.





Station Road closure 2020

As part of the bridge replacement work Station Road will need to be closed to all vehicles at its junction with Gipsy Patch Lane from March 2020 for approximately eight months. Pedestrians and cyclists will still be able to access Station Road via Gipsy Patch Lane.

The closure will enable Gipsy Patch Lane to be excavated down to the required new carriageway level, for new utilities and new drainage infrastructure to be installed and for the Station Road junction to be excavated down to tie-in with Gipsy Patch Lane.

During the closure of Station Road all businesses along the road and Patchway Railway Station will remain open as usual, however, access will be via Clay Lane and Little Stoke Lane only.



For businesses to the southern end of Station Road the diversion route will involve travelling under a footbridge with a height restriction of 4.2 metres.

The CPME Project Team have been working with businesses along Station Road to help them prepare for the closure.

Diversions for motorists

When the full closure starts additional signs will be put out onto the local road network to sign the diversion route. The diversion route will take motorists via Bradley Stoke Way and the A38.

Other measures

Following feedback after the closure of Gipsy Patch Lane in June 2019, the council has been considering additional measures for surrounding roads and junctions in Stoke Gifford to coincide with the closure later this year.

These include:

- Upgrading existing weight limit signs around Little Stoke Lane and Braydon Avenue with a commitment from Trading Standards to enforce limits during closure
- Trial temporary traffic lights at the Little Stoke Lane and Braydon Avenue mini-roundabout.

More information about additional traffic management measures to help traffic flow and maximise road safety will be publicised nearer the time.



Signed vehicle diversion route



Alternative vehicle diversion route

Diversions for pedestrians and cyclists

There are a number of diversion route options for cyclists needing to cross the railway line, and these routes may also be used by pedestrians.

Diversion route option 1 – Filton Avenue

This route utilises the A38 and Filton Avenue and is especially suitable for cyclists who use the A4174 Ring Route cycle path.

Diversion route option 2 – Little Stoke Lane

This route utilises Little Stoke Lane and the A38 and is predominantly on road.

Diversion route option 3 – Little Stoke Park

Little Stoke Park can be accessed from Gipsy Patch Lane and contains shared use paths leading to a footbridge to the north of Patchway Station. A Public Right of Way can then be followed to the east of the railway to the A38.



Diversions for pedestrians and cyclists

Diversion route option 4 – For Patchway Train Station

This route is for pedestrians and cyclists wanting to access Patchway Train Station and businesses along Station Road.

Temporary Footbridge

A temporary footbridge will be created to the southern end of Station Road, near to its junction with Gipsy Patch Lane, during Station Road's closure. This will provide pedestrian and cyclist access to Patchway Train Station and businesses along Station Road.

Shuttle Bus

During the closure of Gipsy Patch Lane a shuttle bus service will be run taking pedestrians from east of the railway bridge to the west (and vice versa).

Details of the shuttle bus service, including frequency, running times and location of pick up points, will be publicised and shared with the wider community nearer the time.





San Andreas roundabout

The CPME route through the Cribbs Patchway New Neighbourhood (CPNN) will link with Highwood Road at the San Andreas roundabout next to the Mall at Cribbs Causeway.

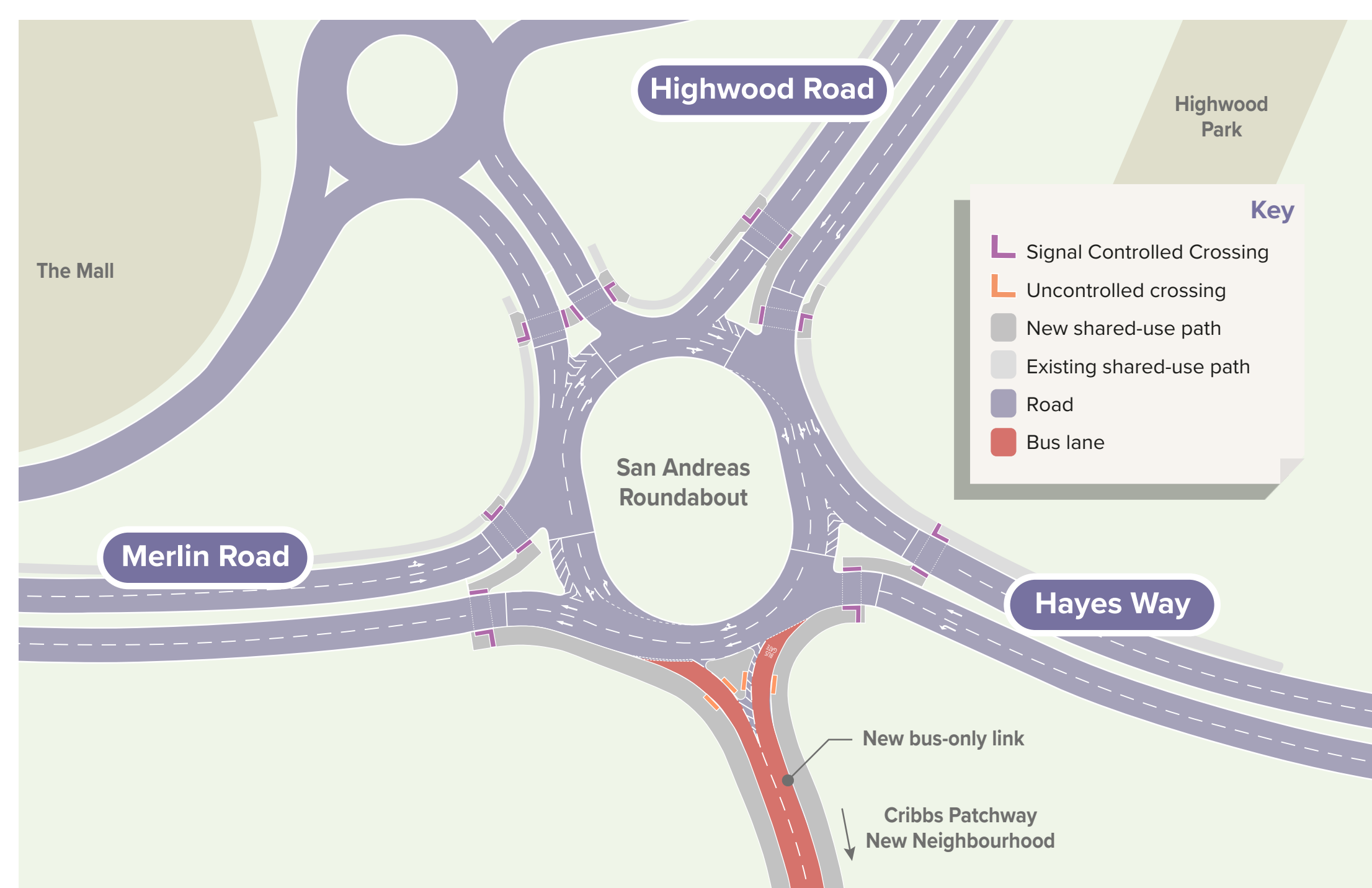
A short section of new road will be built to link the roundabout and the new neighbourhood on the former Filton Airfield. The link road will be restricted to metrobuses, other local buses, emergency vehicles, taxis, motorcycles and cyclists. There will also be shared use paths for cyclists and pedestrians.

Other changes at the roundabout include:

- A new junction will be built on the San Andreas roundabout to accommodate the new road
- The roundabout will change shape to accommodate the new junction
- The roundabout will become signalised
- New toucan and pedestrian crossings.

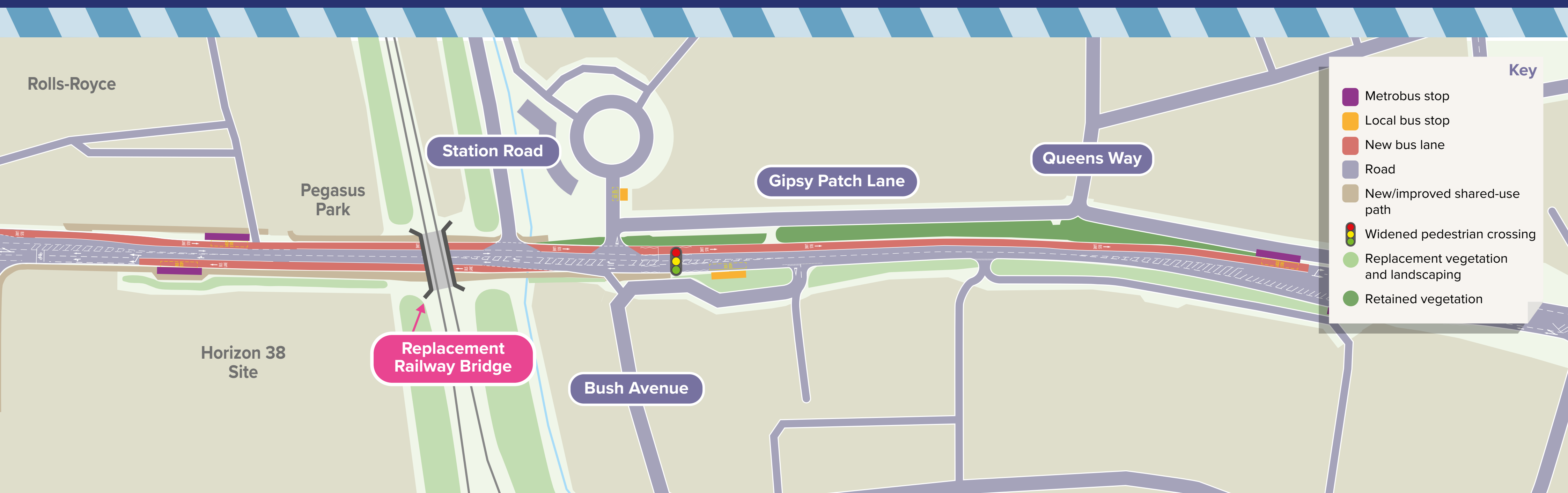
Vegetation clearance will be carried out around the San Andreas roundabout in early 2020 and construction work on the new roundabout layout will start soon after. This work is expected to take 12 months.

To enable the work on San Andreas roundabout lane closures will be necessary. We will keep the wider community updated on this work and any traffic management.



San Andreas Roundabout new layout

Cribbs Patchway metrobus extension works



Other works along Gipsy Patch Lane

As well as a replacement railway bridge other works along Gipsy Patch Lane will include:

- The construction of new bus lanes either side of the bridge
- Removal of trees and shrubs on the south side of the road to allow for widening of road for bus lanes
- Upgrading of bus stops near Smithcourt Drive, Little Stoke Lane, Horizon 38 Business Park and Pegasus Park to metrobus stops
- Improvements to shared use paths from the railway bridge to Bush Avenue and Gifford Crescent and from the railway bridge to the Horizon 38 Business Park
- The existing signal controlled crossing near Gifford Crescent will remain in the same place but will be widened
- Road widening either side of the bridge for bus lanes and improved shared use paths.

To minimise disruption some of this work will be completed during the eight-month road closure of Gipsy Patch Lane which is due to start in March 2020. However, there will be elements that can only be carried out once the new road layout is completed. Therefore further work will be needed along Gipsy Patch Lane once the road reopens at the end of 2020 and into 2021.

A significant level of traffic management will be needed during this work and we will keep the wider community updated on this nearer the time.



Cribbs Patchway metrobus extension works



One of the bus stops on Hatchet Road that will be upgraded



A metrobus stop

Hatchet Road

As part of the CPME scheme two bus stops along Hatchet Road will be upgraded to metrobus stops.

There will be upgrades to the bus stops outside the Co-op store and near the Sandringham Road roundabout.

The new metrobus stops on Hatchet Road will continue to be served by other local bus services.

To enable the work to take place traffic management measures will be needed. It is likely the work will be carried out under temporary traffic lights during off-peak hours. We will keep the wider community updated on this work before it starts.