



Statement of Reasons

Filton and Patchway A38 Gloucester Road - cycle safety improvement measures

Background

The A38 Gloucester Road is a busy route for traffic travelling into and out of Bristol and can be busy at its junctions. Some of the junctions have a high concentration of accidents involving cyclists. To improve these sites the council made a successful bid to Sustrans for some of the Department for Transport 2013/14 Cycle Safety Fund. Sustrans is a charity that works with governments, communities, policy-makers and partner organisations to promote healthier, cleaner and cheaper lifestyles and journeys.

Purpose of Schemes

The schemes are proposed to improve the safety for cyclists travelling through junctions at Northville Road roundabout, Filton roundabout, A4174/Filton Avenue junction and the A38 Patchway slip lanes.

Proposed Schemes

Northville Road Roundabout

In the last five years there have been five personal injury accidents at the A38/Northville Road Roundabout involving cyclists. Four of these accidents, including one that resulted in serious injury, occurred when a driver entered the roundabout and collided with a cyclist.

The measures are designed to make it easier for drivers to look out for cyclists and remind them of the high number of cyclists using the roundabout.

The proposed scheme:

- Introduce cycle symbols at the roundabout entrances
- Introduce hatching to reduce the carriageway to single lane entry on to the roundabout

A plan of these proposals can be seen on the following drawing numbers

Drawing No.	Title
T001-286-01	A38 - Northville Road Roundabout

Filton Roundabout

Filton Roundabout is an accident concentration site for cyclists with 10 recorded injuries having been reported in the last five years. Cyclists have also expressed concerns about their safety when negotiating the roundabout.

The proposed scheme will give cyclists travelling on the A38 the opportunity to negotiate the roundabout separated from traffic.

The proposed scheme:

- To convert the existing pedestrian (Puffin) crossing where the ring road meets Filton roundabout to a shared cycle / pedestrian Toucan crossing.
- To convert the eastern footway into a shared cycle/ pedestrian path. This path will start at the side access into the Shield retail park by the Snow and Rock shop and run southwards to the proposed ring road Toucan crossing. It will then continue south to the bus lane just south of Filton Police station.
- Modifications to the road markings on the A38 northbound approach to reduce the crossing distance of the junction and to stop vehicles blocking the path through the junction.

A plan of these proposals can be seen on the following drawing numbers

Drawing No.	Title
T001-286-02-01	Filton Roundabout
T001-286-02-02	Filton Roundabout - A38 Southbound shared use path

A38 / Filton Avenue Junction

During a recent survey carried out by the Times newspaper, cyclists commented that they felt exposed while cycling on the A38 past the junction with Filton Avenue. For northbound cyclists, an existing traffic island at the entrance to the Airbus site forces them to rejoin the main carriageway to pass the traffic island where they feel squeezed by passing traffic. Furthermore, southbound cyclists raised concerns regarding the road layout on the approach to the signalised junction with Filton Avenue. The existing cycle lane is situated between the inside southbound lane and the left filter lane for traffic entering Filton Avenue. This can often leave a cyclist exposed, with some cyclists commenting they are often 'cut up' by passing vehicles.

The Northbound proposal:

- Provide a 1.5 metre wide cycle lane along the side of the carriageway to allow cyclists to pass the traffic island without having to rejoin the flow of traffic.

The Southbound proposal:

- Infill the existing cycle lane with a green coloured surfacing which will help to highlight the cycle lane and will be a reminder to drivers to double check for cyclists before crossing it.

A plan of these proposals can be seen on the following drawing numbers

Drawing No.	Title
T001-286-03	A38 - Filton Avenue

A38 Patchway Slips

In the last five years, five personal injury accidents involving cyclists were reported at the end of the northbound and southbound slip lanes onto the A38 at Patchway. These include three accidents that resulted in serious injury, which occurred at the end of the northbound slip road.

The proposal:

- Install vehicle activated signs on both the northbound and southbound slip lane entries. The signs will be triangular cyclist warning signs, designed to make cars aware of oncoming cyclists. These will be triggered by cyclists on the A38 approaching the ends of the slip roads.
- Give cyclists on the A38 the opportunity of crossing the slip roads via a cut-through before the point where the slip road traffic merges with the A38 traffic.

A plan of these proposals can be seen on the following drawing numbers

Drawing No.	Title
T001-286-04	A38 - Patchway Slip Roads Southbound on-slip
T001-286-05	A38 - Patchway Slip Roads Northbound on-slip

Timescale

Subject to consultation the schemes are expected to be delivered before the end of 2013.