



Department for Environment and Community Services

The Occupier/Owner

Date: February 2019
Your Ref:
Our Ref: T001-321
Enquiries to: Richard Lewis
Section: Design & Operations
Tel: 01454 868000
E-mail: transportservices@southglos.gov.uk

Dear Sir/Madam

Great Stoke Way Roundabout Improvement Scheme

I am writing to invite you to have your say on proposals to increase vehicle capacity and reduce queuing times at Great Stoke roundabout in Stoke Gifford, at the junction of Bradley Stoke Way and Great Stoke Way with the B4057 Winterbourne Road.

The West of England Combined Authority (WECA) has approved an outline business case for a preferred scheme and we are now consulting people on our proposals. Depending on the results of the consultation, a full business case would then be prepared in order to secure funding for the improvements package.

Location and context

Great Stoke roundabout is part of a key route to the Filton Enterprise Area and Cribbs Patchway New Neighbourhood, which between them represent the predominant economic hub for South Gloucestershire and the largest mixed use strategic development site in the South Gloucestershire Core Strategy.

The North Fringe to Hengrove metrobus route travels through this junction and the forthcoming Cribbs to Patchway metrobus Extension will impact on this route. The junction is also important for traffic movements, including buses, to and from the Bristol Parkway transport interchange.

Great Stoke roundabout sits at the crossroads of several walking and cycling routes.

Reasons for improvement package

Traffic modelling indicates that the roundabout will operate significantly over capacity during the morning and evening peak periods by 2036, leading to increased levels of congestion.

Improving capacity at critical pinch-points is essential to improve the West of England's infrastructure, to meet the housing and economic growth ambitions to the year 2036 set out in the emerging Joint Spatial Plan: 105,500 new homes and 82,500 new jobs across the region.

This scheme aims to increase vehicle capacity at Great Stoke roundabout, to accommodate the increase in traffic flows expected from committed developments in the area and the widening of Gipsy Patch Lane railway bridge as part of the Cribbs Patchway metrobus Extension.

The scheme will also support a wider sustainable transport package for the economic hub. Crossings at the roundabout are currently uncontrolled, which leads to increased chances of conflict between pedestrians and cyclists and vehicles, as well as delays to crossing the roads while waiting for gaps in traffic. The package will improve pedestrian and cyclist routes.

What is being proposed?

The proposed improvement scheme involves the following works:

- widening of the approaches to the roundabout and on the roundabout itself to increase the number of lanes from two to three
- installation of Toucan crossings (shared use pedestrian and cycle) across the Great Stoke Way and Winterbourne Road eastbound and westbound approaches
- provision of a maintenance lay-by near the Toucan crossing on both of the Winterbourne Road approaches
- relocation of the current cycle access ramp on Great Stoke Way to provide greater separation between this ramp and the proposed crossing to reduce the risk of conflicts between pedestrians and cyclists

See the attached diagram for further details.

How will it be funded?

The estimated cost of the scheme is around £2.3 million. This would be provided by the West of England Combined Authority.

Have your say

We would now like to hear your views on the proposals. A consultation will be open from 18 February – 29 March and you can respond in the following ways:

- Website: <https://consultations.southglos.gov.uk/consult.ti/GtStokeRbt/consultationHome>
- Email: transportservices@southglos.gov.uk

If you would like more information before responding to the consultation, we are holding two drop-in sessions where plans of the scheme will be on display and representatives from StreetCare will be present to answer questions.

- **Tuesday 5th March 3-6pm**
Orchard Room, Baileys Court Activity Centre, Bradley Stoke
- **Thursday 7th March 4.30-6.30pm**
Stoke Gifford Hall Trust

To request a paper copy of all the information and questionnaire, please call 01454 868000.

Yours faithfully,

Richard Lewis
Principal Engineer



KEY

- Existing carriageway
- Area of new carriageway
- Pavement central reserve / island
- Proposed shared use footway / cycleway
- Existing footway
- Cycleway access
- Proposed 'Toucan' pedestrian & cycle controlled crossing
- Residential area
- Existing vegetation
- Verges
- Existing trees

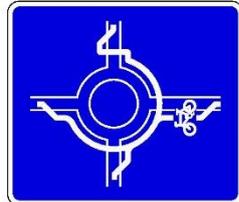


Image 1 - Advanced Directional Cycle Sign to advise optimal route.



Proposed location of Advanced Directional Cycle Sign. See Image 1 for details.

New toucan crossings to provide safe crossing points.

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NOTE:
An additional lane is added to all approaches and the roundabout.

FOR CONSULTATION

Rev	By	Date	Description
A	AC	14/01/2016	Issue for consultation
B	AC	14/01/2016	Issue for consultation

Client: South Gloucestershire Council

Project: GREAT STROKE ROUNDABOUT CAPACITY IMPROVEMENTS

Drawing: GREAT STROKE ROUNDABOUT CONSULTATION PLAN

Drawn by: AC

Checked by: AC

Approved by: AC

Date: 14/01/2016

Project No: 673847_BK.36.01-103

Sheet No: B

Scale: 1:500 (A1)