

South Gloucestershire Council – Bromley Heath Viaduct Project

The South Gloucestershire Council, Challenge Fund A4174 scheme is coordinated and delivered by South Gloucestershire Council who were awarded £14 million pounds from the Department for Transport. The Challenge Fund A4174 scheme focuses on the maintenance of the A4174 Avon Ring Road between the A38 at Filton and the A4 at Hicks Gate and will include improvements to the carriageway, footpaths, cycle ways and street lighting as well as **structural maintenance for the Bromley Heath viaduct**. In addition, South Gloucestershire Council has also been awarded £3.7 million by the Department for Transport for the Cycle Ambition fund to improve cycle provision in South Gloucestershire.

The Bromley Heath Viaduct was constructed in February 1966 as a single carriageway road over the River Frome and in 1988 was changed to a dual carriageway. Today, the viaduct carries approximately 55,000 vehicles and 500 cyclists a day. In its current form the viaduct is in need of maintenance work on:

- pier strengthening
- bearing and hinge replacement
- drainage improvements
- water proofing
- parapet replacement
- concrete repairs

From July 2017, Bromley Heath Viaduct will undergo a maintenance programme to strengthen the 1960s structure and provide improvements for cyclists and pedestrians. This project is currently due to last for 52 weeks. The essential maintenance of the viaduct structure as well as improvements to widen the shared footpath for cyclists and pedestrians will be combined, which means that the total maximum time required on site would be one year rather than two.

The cycle ambition scheme on the Bromley Heath Viaduct includes:

- Widening the southern viaduct by 2 meters by constructing a cantilever composite bridge.
- A wider new path will help to increase capacity and reduce incidents between path users.
- A barrier between the path and the carriageway, which will reduce the risk of collisions with vehicles.
- The scheme will provide a high standard and safer shared use facility and two way path.

The extent of the work requires the southern viaduct to be closed to all traffic for the duration of the project. A crossover and road link will be created for the duration of the work and the current four lanes will reduce to one lane in each direction on the A4174.

This part of the A4174 is one of the busiest sections and will therefore cause significant delays. The council is keen to encourage local residents to see if they are able change their travel choice or time of travel to help reduce the impact of any congestion and apologise in advance for any delays.

“We understand that this scheme may cause disruption and disturbance to residents, communities and businesses and we would like to apologise in advance and kindly ask for your patience whilst this work is taking place.” South Gloucestershire Council

Recent news on Bromley Heath Viaduct: <http://sites.southglos.gov.uk/newsroom/transport/bromley-heath-viaduct-maintenance-improvement-work-gets-green-light/>

More information including a short video is available at www.southglos.gov.uk/bhviaduct