

## **Bar Hill junction (j29) traffic switch and bridge demolition**

**June 2019**

### **Frequently asked questions**

#### **Q. What is happening at the A14 Bar Hill junction in June?**

**A.** Following the installation of two new bridges in September 2018, we've continued work to build the new junction at Bar Hill. These bridges will form part of the new interchange.

Work is progressing well and we're now preparing for the next major phase of work on this junction.

Over the weekend of Saturday 8 June, we'll be opening the first of the two new bridges. The bridge will be used instead of the old bridge to allow access between Bar Hill and Longstanton and the A14.

Once the new bridge and accesses are in use, we'll close and demolish the existing Bar Hill bridge and complete work on the second bridge.

For more details, please read this [flyer](#).

#### **Q. When are you demolishing the old bridge and what will the road closure be?**

**A.** The A14 will be closed eastbound from 2am Saturday 22 to 11pm Sunday 23 June between Swavesey and Girton and a clearly-signed diversion will be in place.

The westbound carriageway will be closed under the bridge being demolished. Through traffic will be diverted via A428 and the Girton loop onto the A14 will be closed. Local traffic travelling west will be able to use the junction 29 off slip to access Bar Hill or go right across the new bridge towards Longstanton.

We are still finalising plans to ensure the impact on road users and residents is minimised as much as possible, so the closure points may change. Please check confirmed details via our website or our Facebook and Twitter accounts nearer the time (details at the bottom of this document).

#### **Q. Will access to and from Bar Hill and the villages to the north of the A14 be affected while the layout changes are put in place and the bridge demolished?**

**A.** Access to Bar Hill and Longstanton will be maintained at all times. The recent weekend closure to tie in the existing and new carriageway on the B1050 (Hattons Road) means we should not need to close this road again as part of this traffic switch.

Access will also be maintained during the demolition of the old bridge. We may need some slip road closures to ensure everyone is safe while the main demolition happens, but these will be signposted in advance via our usual channels (see details of where to find out more at the bottom of this document).

**Q. How will this new phase of work affect my journey from Bar Hill / Longstanton?**

**A.** Your journey will be the same apart from using the new bridge over the A14.

**Q. Why have the different phases for the construction of this junction been designed in this way?**

**A.** The redesign of the Bar Hill junction is one of the most challenging parts of the A14 upgrade scheme, as we have to work within a small area, over a live carriageway, while keeping access in and out of Bar Hill open at all times. So far, we have completed the construction of one of the two new junction bridges, which is opening soon. We need to demolish the old bridge before we can complete the construction of the second one. At the same time, we have built a third bridge which takes traffic from the junction and the B1050 over the future local access road.

We now need to move traffic onto the completed new bridge so we can finish work on the second bridge. This phase of work will also give us space to continue building the new A14 carriageway, which needs to be widened from 3 lanes to 4 in each direction between Bar Hill and Girton, the new local access road section between Dry Drayton and Swavesey and the new permanent eastbound exit slip road at Bar Hill.

**Q. How will the traffic lights at the 'jug handle' (the slip road between the future local access road and the B1050) work?**

**A.** For this next phase of the Bar Hill junction construction, temporary traffic lights will be located in the position where there will be permanent traffic lights once the junction construction is complete. The phasing of these lights will be set to reflect traffic flows at different times of the day, prioritising the busier side of the junction.

There will be dedicated turning lanes along the B1050 on the north and south sides, with 2 lanes on the jug handle (increasing to 3 once the junction is complete) for drivers to wait at the traffic lights.

The traffic lights will create a safe turn on and off the jug handle. Without these lights, Longstanton and Northstowe traffic would have priority on the B1050 (Hattons Road) and Bar Hill residents wouldn't be able to turn onto or away from the jug handle to access the local access road or return to Bar Hill.

**Q. Why is this junction not a roundabout?**

**A.** The final design of the local access road will have 3 dedicated directional lanes at the junction (on the jug handle) for drivers to wait at the traffic lights. This will allow a greater number of vehicles through on a green light than a roundabout would.

**Q. Will the temporary westbound entry slip road at the Bar Hill junction be affected by the change?**

**A.** No, the westbound entry slip will not be affected. These changes will affect only the eastbound entry and exit slips, with traffic using a small stretch of local access road, temporarily linked to the existing A14, to access the main carriageway.

**Q. Will this new layout increase traffic volume/noise?**

**A.** No, traffic volume and noise levels will remain similar to now.

**Q. Will these changes affect local bus services?**

**A.** No, buses will be able to access the village as normal. Stagecoach has been made aware of the layout changes.

**Q. Will the impact of the layout changes be monitored and will you do anything to mitigate impact if the changes cause bigger problems than anticipated?**

**A.** We will monitor the new layout to ensure traffic is flowing as it should. In particular, we will monitor the temporary traffic lights so that the phasing reflects the changes in traffic flows adequately. If needed, we will alter the phasing to make it as efficient as possible.

**Q. How long will the changes to the road be in place for?**

**A.** This layout will be in place for approximately 3 months while we continue our work to redesign the junction. Between this phase and the final layout, there will be a number of other changes. We'll keep people informed before these happen.

**Q. Will there be further changes before the final layout is completed, and if so when will they happen?**

**A.** Yes, between this phase and the final layout, there will be a number of other changes. We'll keep people informed before these happen.

**Q. Will the work at the Dry Drayton / Oakington junction be completed before you switch traffic on to the new layout at Bar Hill?**

**A.** We are working to complete the work on the Dry Drayton bridge as soon as we can do so safely, but we have uncovered an unexpected issue which has slowed down progress, meaning we will not be able to complete this work before traffic is switched to the new layout at Bar Hill.

**Q. When will the second bridge be open?**

**A.** We plan to open the second bridge in late Autumn 2019, once the various accesses to the new junction have been completed.

**Q. When will all work near the Bar Hill junction be completed?**

**A.** The A14 and Local Access Road are due to be completed by the end of 2020, when the scheme will open for traffic.

**Q. How do I find out more about this work and the A14 upgrade more generally?**

**A.** There are lots of ways to stay informed. You can:

- sign up for email alerts on our website : <https://highwaysengland.co.uk/a14-cambridge-to-huntingdon-improvement-scheme-home/>
- email us at [A14CambridgeHuntingdon@highwaysengland.co.uk](mailto:A14CambridgeHuntingdon@highwaysengland.co.uk)
- call us on 0300 123 5000
- follow us on twitter [@A14C2H](https://twitter.com/A14C2H)
- and Facebook [www.facebook.com/A14C2H/](https://www.facebook.com/A14C2H/)
- come along to one of our events – find out more at <https://highwaysengland.co.uk/a14-cambridge-to-huntingdon-improvement-scheme-keep-in-touch/>

**ENDS**