



Work at Tilekiln Roundabout

A120 Bypass (Little Hadham) and Flood Alleviation Scheme

Project Newsletter
July 2020

During July, despite the challenges that Covid-19 continues to bring, the project team have continued to work extremely hard and make excellent progress.

Looking after one of the UK's rarest species of bats

Barbastelle bats are rare in the UK with only two breeding sites known in Hertfordshire – one of them just beyond the east of the bypass.

Barbastelle bats are protected under the Wildlife and Countryside Act 1981 and are a priority species in the UK Biodiversity Action Plan. These bats feed on moths and flies, flying just above trees and hedges at dusk. They can travel as far as 20km a night foraging for their food.

To maintain the bats' foraging routes we planted 3.7km of new hedgerow on the boundaries of the scheme before we started construction. These new hedgerows are establishing well (*see photo right*) and maintaining the feeding habitat for this important species, as well as providing homes for all the other wildlife that can live within them.

We are also constructing the new Hadham Park Underpass that will re-route a farm track and bridleway under the bypass. The bats will also use this to go under the road which will minimise the risk of conflict between road traffic and flying bats.



Part of the new hedgerow and a barbastelle bat (inset)

Sustainability and Environmental Responsibility

- **Wood:** 23 tonnes removed from site, 100% recycled
- **Cardboard:** 14 tonnes removed from site, 100% recycled
- **Mixed waste:** 63 tonnes removed from site, 95% recycled

In addition, we are also collecting all reusable piles from the Little Hadham site for use on other projects in the area.

Construction Progress

Hadham Park Roundabout

There has been significant progress with earthworks at Hadham Park Roundabout throughout the month of July.

This has included the retention basin which has enabled the final connection of the drainage to its outfall in Bury Green Brook. A retention basin is used to manage heavy rainfall to prevent flooding and downstream erosion.

Lighting columns are also being installed. The lighting at Hadham Park Roundabout has been carefully positioned and designed with lower columns to lessen the impact on the local wildlife including the bats that use this area for foraging.



Lighting columns installed at Hadham Park Roundabout

Tilekiln Roundabout

There has also been a lot of progress at Tilekiln Roundabout with the majority of the drainage and ducting works now complete. The kerbing is well under way with the outline of the roundabout now visible.



Centre island on Tilekiln Roundabout

Hadham Park Underpass Progress

The second side wall at Hadham Park Underpass is currently being built and should be finished before the end of August with the base completed shortly.



Construction of the second side wall underway

Utility works

The utility works involving Affinity water, Thames Water and Gigaclear diversions along Albury Road have now been completed. Additionally, a new BT box and alternative provisions have been made which means the road will not need to be dug up in the future should it be needed by BT.

More construction activity in July

- Albury Road Bridge is now operational.
- Albury Tributary Bridge: Piled foundations for bridge and wingwalls are due to be completed by end of August. After that we will build the bridge abutments (the side walls of the bridge) and then the spillway.
- River Ash Bridge: Piled foundations and pile caps completed, abutment walls ongoing. After the abutments, work will focus on the construction of the spillway.

Flood Alleviation Progress

Lloyd Taylor Drain

At the Ford, utility diversions have now been completed and the road closed to allow construction during the school holidays.

After excavations, the site team recently installed the pre-cast units of the culvert and outlet. Each pre-cast concrete section weighs approximately 7 tonnes. A mobile crane capable of lifting up to 120 tonnes was used to position them!



Mobile crane lifting pre-cast concrete sections

River Ash Culvert

The team has made great progress in the construction works for the River Ash Culvert.

They have now completed the waterproofing and are progressing with the backfill works to build the dam earthworks over the structure.

The emergency draw-down culvert (another key structure to help alleviate flooding) is expected be completed by end of August.



Waterproofing laid at the River Ash Culvert

Cradle End Brook Culverts

The Cradle End Brook culverts have now been successfully installed.



Cradle End Brook culverts have now been installed

Albury Tributary Culvert

The work at the Albury Tributary culvert is ongoing, with concrete works at approximately 50% complete.



Albury Tributary Culvert progress

August Activities

- Earthworks will continue on the River Ash Dam with the final embankment taking shape.
- Drainage works will continue up the mainline from the east towards the Mill Mound cutting.
- Earthworks around the Cradle End Brook Culverts will continue.
- Works will continue at The Ford installing the culvert. This is on schedule to open on 1 September.



Site plan

Upcoming Project Works

Social distancing has changed the way we plan and carry out work, which may cause cancellations or changes to roadworks and closures.

Road Closures

A120 Hadham Park Roundabout

It will be necessary to close the A120 to progress construction of the new Hadham Park Roundabout.

Full weekend road closures are scheduled for October. We will provide further details in the next newsletter and residents will receive a letter in the post outlining dates and times.

The Ford

Current full road closure from:

- Thursday 9 July - Tuesday 1 September

Access will be maintained to The Smithy for residents, visitors and deliveries. Pedestrians and cyclists (dismounted) will still be able to use the footpath during these works.

Roadworks

A120 Hadham Park Roundabout

Two-way traffic lights (weekdays):

- Monday 31 August – Friday 9 October (8.00am – 6.00pm)

Temporary traffic lights on Albury Road for BT cabling works are ongoing until Friday 14 August.

You can find out more about the project by visiting our dedicated website:

www.hertfordshire.gov.uk/a120bypass



You can follow us on **Twitter**:
@Herts_Highways



Or on **Facebook**:
www.facebook.com/HertsHighways



Subscribe for email updates:

www.Hertfordshire.gov.uk/updateme



You can now watch our progress on site with our latest drone and time-lapse footage. Visit our **YouTube** channel: <http://bit.ly/A120videos>

You can also keep up-to-date with all roadworks using the One.Network service.

Type **One.Network** into your internet search engine and then type '**Ware (Little Hadham)**' into the search box to find out more. You can pick different date ranges from the drop-down menu to see upcoming works.

You can also call the GRAHAM site team at Standon Road on **01279 314182** for immediate enquiries and concerns.

Please note: Monthly drop-in sessions are cancelled until further notice due to social distancing.