Welcome

In this month’s edition we have lots of photos and updates on the construction of the scheme from roundabouts to culverts.

What we are trying to achieve

Once complete the new 3.9km bypass, to the north of Little Hadham, will alleviate congestion caused by the Little Hadham traffic lights and provide more reliable journey times. As part of the scheme, new road embankments along the River Ash and Albury Tributary will act as flood defences to reduce flood risk to the village and other nearby communities.

The scheme will improve air quality in Little Hadham and also ultimately benefit the county’s economy, with quicker transport links to Stansted Airport alongside other long-term advantages for Hertfordshire. Hertfordshire County Council have worked in partnership with the Environment Agency to develop the scheme which includes flood alleviation measures.

In Partnership

The scheme is supported by Local Growth Fund investment from Hertfordshire Local Enterprise Partnership (LEP) and money secured by the LEP from the Department for Transport, as part of a wider funding package with Hertfordshire County Council and the Environment Agency.

Its competition time!

Hertfordshire County Council have launched a bridge design competition for Key Stage 2 and Key Stage 3 students in schools local to our schemes. The competition aims to inspire children to use their creativity and learn more about engineering. We are very excited to see the pupils entries over the next few months. Stay tuned for the results later this year!

Roman snails on the move

Roman snails are being moved from Upwick Green to allow for a ground investigation and finishing works to the road safety barriers. Last year, we relocated more than 600 of this protected species.
Construction Progress

**Tilekiln Roundabout**

A base layer of the new road has been laid at Tilekiln Roundabout. The site team have also completed both the drainage and the ground stabilisation. Lighting and signage for the roundabout has also begun to take shape.

**Hadham Park Roundabout**

The team has been busy carrying out the embankment works at Hadham Park Roundabout which are now close to completion. The lighting and grasscrete maintenance areas for the roundabout has also been installed. Grasscrete is a reinforced concrete that is used to stabilise the ground and create a drivable surface.

**Utility works**

The utility diversion works at the Ford are now complete. BT have recently been working to divert their internet and phone cables along the new Albury Road Bridge.

**September Activities**

- Continuing works at Hadham Park Roundabout.
- BT to complete second phase of works at Albury Road.
- Completion of Albury Tributary culvert.
- Backfill and formation levels to be laid at Cradle End Brook.
- Tilekiln Roundabout will be surfaced up to a level to get ready to connect to the existing road.
- The drainage works will continue west into the Mill Mound cutting heading towards the River Ash dam.
- Cradle End Brook embankment works will be completed.

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*New road being laid at Tilekiln Roundabout*

*An aerial photo of Albury Road Bridge taken from a drone*

*An aerial photo taken from our drone of Hadham Park Underpass*
Flood Alleviation Progress

A record time installation at The Ford

During the school holidays the team were busy installing the Lloyd Taylor Drain culvert which will take the new course of the Lloyd Taylor Drain under the road.

The culvert has been installed very quickly and in record time! Additionally, the road is being reconstructed above it, including replacing the verges and footway. We have managed to do this without interrupting the phone and internet cables for the village, which have now been re-aligned within the new road.

Reconstruction of the road over the new Lloyd Taylor Drain culvert

Flood storage structures taking shape

The completed River Ash culvert has had the embankment built over it and construction of an emergency draw-down culvert has been completed with bentonite poured around it. Bentonite is a type of absorbent clay that is formed by a breakdown of volcanic ash, and has the ability to absorb large quantities of water.

The team has been working hard on the second phase of works for the River Ash bridge and spillway, including constructing the abutment walls and formation for the spillway. A spillway allows water to safely leave the reservoir should it ever completely fill up.

The road bridge abutment walls at the River Ash spillway

What is a culvert?

A culvert is a tunnel carrying a stream or open drain under a road or railway. It differs from a bridge in that a bridge is intended to allow passage over an obstacle such as a body of water, whereas a culvert is intended to allow a body of water to pass under an obstacle such as a road.

The culverts in this scheme have been designed to replicate a natural channel bed to minimise disruption to the wildlife.

The River Ash balancing pond - a drainage system that temporarily stores rain water running off the road to reduce the risk of flooding

Albury Tributary

The Albury Tributary culvert is now two thirds complete. At the Albury Tributary Bridge and spillway, the bridge pile caps have been completed and the abutment walls and wingwalls are under construction. Both the Albury Tributary and River Ash culvert had water passing through them during the recent thunderstorms.

The newly installed Lloyd Taylor Drain culvert

The River Ash balancing pond - a drainage system that temporarily stores rain water running off the road to reduce the risk of flooding
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**

As you may be aware through receiving a letter in the post, we need to close the A120 over the coming weeks to finalise construction of the new Hadham Park Roundabout.

Please be advised there are still further works to be programmed to complete the roundabout prior to opening to general traffic.

We are currently reviewing the schedule of roadworks. The road closures previously communicated may be subject to change so please keep a look out for a letter in the post, view our website and follow us on social media. We will do our best to keep you informed in good time.

We thank you again for your patience.

You can find out more about the project by visiting our dedicated website:  
[www.hertfordshire.gov.uk/a120bypass](http://www.hertfordshire.gov.uk/a120bypass)

You can follow us on Twitter:  
@Herts_Highways

Or on Facebook:  
[www.facebook.com/HertsHighways](http://www.facebook.com/HertsHighways)

Subscribe for email updates:  

You can now watch our progress on site with our latest drone and time-lapse footage. Visit our YouTube channel:  

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 our monthly drop-in sessions remain cancelled in line with government restrictions until further notice.

The A120 Bypass and Flood Alleviation Scheme is registered with the Considerate Constructors Scheme.