



Surfacing works

A120 Bypass (Little Hadham) and Flood Alleviation Scheme

Project Newsletter
September 2020

Welcome

Welcome to the September edition of the Little Hadham Newsletter, produced to keep the community updated on all aspects of the project.

The Benefits of a New Bypass and Flood Alleviation Scheme for Little Hadham

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 storage dams to reduce 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 to include flood alleviation measures.



Aerial drone footage over Albury Road Bridge

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.



World Mental Health Day

Saturday 10 October was World Mental Health Day. The health and wellbeing of our staff, communities and our construction workers is our number one priority. We're always checking in on our construction colleagues on schemes across the county and talking about wellbeing.

We are living in very difficult and challenging times where friendship, care and consideration has never been so important. Join us and take 10 minutes to check in on a friend, family member or neighbour you haven't spoken to for a while?

Construction Progress

Tilekiln Roundabout

It's really taking shape at Tilekiln Roundabout as you can see from the progress photographs (right). The new pedestrian crossing has been installed in recent weeks.

Hadham Park Roundabout

The islands and footways for the roundabout are surfaced.

Lloyd Taylor Drain

Grasscrete is also being installed at Lloyd Taylor Drain. Shown below, this is a reinforced concrete structure with lots of small pockets for grass to grow through, helping to blend into the environment. It is generally used for access for maintenance vehicles.

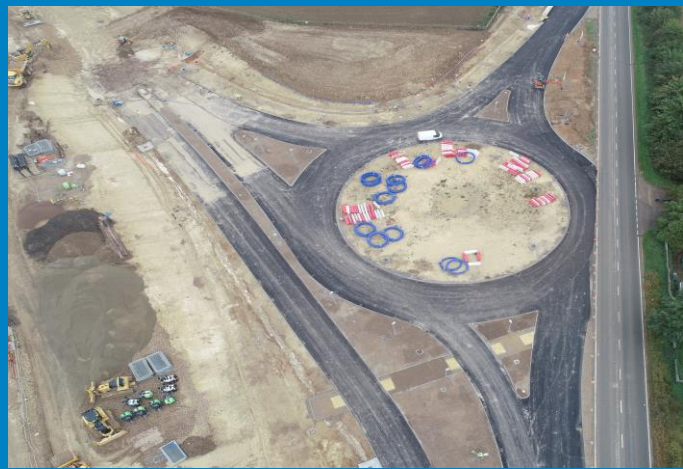


Above and below image: Grasscrete installation at Lloyd Taylor Drain



#Didyouknow

GRAHAM has donated and delivered 30 tonnes of topsoil to Little Hadham Primary School to help them with their school garden project. We can't wait to see how they get on!



Tilekiln Roundabout taking shape



New crossing installed at Tilekiln Roundabout

What's Coming Up?

- Drainage to be installed so that an almost continuous access road from Tilekiln Roundabout to the west of Albury Tributary, and from Hadham Park Roundabout to the east of the River Ash Flood Alleviation Scheme can be formed. This will make our winter operations more efficient as the site starts to get very muddy.
- Lloyd Taylor Drain diversion channel will be lined and rock armour placed around the culvert to resist erosion from future flood flows.
- Road foundations will be laid from Cradle End Culvert to River Ash Dam.
- Construction will begin on Mill Mound Bridge.
- Hadham Park Roundabout will be connected to the live traffic network by the end of November.

Flood Alleviation Scheme Progress

Riveting results at the River Ash

The team have made fantastic progress on the flood storage area at the River Ash embankment, which are now almost up to the full height of it.

The River Ash culvert and Cradle End Brook culvert were all completed too.



River Ash culvert south outlet



River Ash culvert under the new road



Progress on the River Ash spillway



Lining laid at the River Ash drainage pond



Installation of the road studs at The Ford

Road safety measures at The Ford

The Ford is now open to traffic and the team have installed the road studs. These have a retroreflective surface which reflects the light from vehicles headlights making them visible to drivers at night.

Construction Corner 101



What is an abutment?

The abutment is the end support of the bridge.. They support the deck, and, in most cases, they also support the approach road embankments. The intermediate supports of bridges are called piers. Some bridges are a single span and therefore have only two supports, those are abutments. Other bridges or viaducts have multiple spans, but would still always have two abutments and as many intermediate piers as necessary. Both our bridges at Albury Road and Mill Mound are three span bridges. The abutment walls can be seen in the third image down on the left at River Ash spillway.

What is a wingwall?

Quite simply, a wingwall is a smaller wall either attached or next to a larger wall or structure. In the case of this project, wing walls act as retaining walls adjacent to the abutments of a bridge.

Wingwalls can also provide smooth entry of water into a bridge site as well as support and protect the embankment. They can be arranged at different angles but are generally constructed from the same material as the abutments.



Upcoming Project Roadworks

Site plan

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

Full weekend road closures

- Friday 6 November (10pm) – Monday 9 November (5am)
- Friday 13 November (10pm)– Monday 16 November (5am)
- Friday 20 November (10pm) – Monday 23 November (5am)

It will be necessary to close the A120 Hadham Road for three weekends in November to allow us to finalise construction of the new Hadham Park Roundabout.

The road will be closed to the east of Hadham Park. The diversion route is via A10, A414 and A1184. Local residents will be able to access Little Hadham from the A10 direction.

We have been advised that the drainage renewal works planned by Highways England on the M11 between Junction 7 to Junction 8 in November have been postponed.

Roadworks

A120 Hadham Park Roundabout

Two-way traffic lights (weekdays):

- Monday 31 August – Friday 6 November (8.00am – 6.00pm)

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/updates



You can 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.

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