

# Notice of utility diversion works, Addison Road

September 2020 | [www.hs2.org.uk](http://www.hs2.org.uk)

## Notification



High Speed Two (HS2) is the new high speed railway for Britain. We are continually reviewing the works on our construction sites in line with Government and Public Health England (PHE) advice on dealing with COVID-19. The Government's current strategy makes it clear that construction activity can continue as long as it complies with this guidance. Please be assured that only sites that can operate within the guidelines are operational. All sites will remain under constant review. We have postponed all face-to-face engagement events and meetings and have put in place a number of channels to communicate with communities, such as letters and phone calls, as well as updates and alerts from each of the local community websites. You can sign up for regular updates in your local area at [www.hs2inbucksandox.co.uk](http://www.hs2inbucksandox.co.uk)

### Why are we carrying out these works?

Before the main construction works for the railway begins, we need to divert an existing Anglian Water sewer pipe. This pipe is located to the west of Addison Road, near to Shepherd's Furze Farm. The sewer pipe will be locally diverted below the currently disused Grand Central main line. This will be achieved using a construction technique called directional drilling. This avoids large open excavations and allows an undertrack crossing, (UTX) to be delivered with the least disruption.

### What is horizontal directional drilling?

Horizontal directional drilling is a recognised and common method of installing underground pipelines and cables beneath existing roads and train tracks. It involves the use of a directional drilling machine to accurately drill along the new diversion route. The new pipe will be drilled from the entry point and will follow the underground diversion route. A pipe will then be pulled through the drilled hole to the opposite side. During the drilling process, the drill will be circulated with water and earth based materials mixed together (slurry) to ensure that the drilling bore is kept open and lubricated. All necessary environmental consents have been gained for this operation.

**If you have a question about HS2 or our works, please contact our HS2 Helpdesk team on 08081 434 434 or email [hs2enquiries@hs2.org.uk](mailto:hs2enquiries@hs2.org.uk)**

### Duration of works

The works will start from October 2020 until the end of March 2021.

Normal working hours:  
Monday to Friday 8am – 6pm.

Our contractors may also be on site for one hour's quiet start up and shut down outside of these times.

Whilst we carry out the directional drilling the hours of work will be 24 hours a day over 7 days a week.

### What to expect

Some additional traffic on local roads.

Noise from the equipment used for the works.

Site operated with 24hr security and low-level flood lighting.

Site storage and welfare facilities.

### What we will do

Manage impacts, such as traffic and noise with the aim of reducing or removing them.

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The drilling rig will be located at the drive entry point, along with associated equipment and space for tanks/ vehicles to provide lubrication water and processing of the liquid slurry. The area will also include storage and welfare facilities.

On the opposite side there will also be working space which is required to carry out welding activities to the pipeline in order that the pipe is pulled back through the drilled hole.

## How does horizontal directional drilling work?

Stage 1 -The drill bit is connected to a rotating shaft and pushed into the ground at the entry point to the new diversion. It is then guided through ground until it emerges on the opposite side at the new location. Finally, the drill bit will exit the borehole at the exit point.

Stage 2 - A reaming tool is then attached to the drill pipe and pulled back through the hole. Larger reaming tools are pulled back and forth through the borehole until the hole is about one and a half times the size of the pipe that will be installed.

Stage 3 – Plastic pipes are brought to the exit point and welded or fused together, coated and pressure-tested before it is pulled through the drilled hole.

## Below shows the method for horizontal directional drilling



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Below shows a typical horizontal directional drilling rig



The utility diversion works taking place will consist of the following in this order:

- Deliveries of materials and machinery along The Broadway from the A41 along Perry Hill/ Gawcott Road/ Werner Terrace to Addison Road.
- Fencing and low level temporary lighting will be placed around the site alongside security.
- Excavated material will be removed from the entry and exit points. The excavated sub soil will be stored off-site until required for backfilling the area.
- Settlement tanks will be installed for storing of waste water during drilling operations. The tanks will be emptied as required by small waste removal trucks and will be disposed at licensed waste disposal facilities.
- A drilling rig will be set up. This will operate for a period of 24 hours a day and 7 days a week. The drilling operation is expected to take 6 weeks in total. This will be from 16 October 2020 to 8 December 2020 and 5 January 2021 – 23 January 2021. Noise levels will be carefully controlled.
- Connection to the existing foul sewer pipe shall be carried out using open supported trenches.
- The new diversion will be connected and tested.
- Once all works are completed, all plant and materials will be removed and the area will be reinstated.

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## When will the utility diversion works take place?

Works will begin in October 2020, where materials and machinery will be delivered to site. We will begin excavating and removing the existing top sub soil ahead of the drilling works. The utility diversion works including connections are due to be completed by the end of March 2021.

## How will this works affect you?

The horizontal directional drilling works will operate 24hrs a day and 7 days a week. This is done continuously to ensure that the ground is supported. The duration of the drilling operation is expected to take 6 weeks.

You may notice extra traffic on the roads due to the workforce and equipment movements in the area. HS2 construction traffic, HGV's and all vehicles of 7.5 tonnes or greater making deliveries to the site will use The Broadway from the A41 along Perry Hill/ Gawcott Road/ Werner Terrace to Addison Road.

We will be closely monitoring the roads around the site for dust and regular road sweeping will take place. We will take measures to ensure we keep mud off the local roads, such as cleaning dirty vehicles before they leave work areas.

Access to the sites will be along Addison Road. Temporary verge access signage will be installed on the highway verge approaching the entrances to the site. These will be on standard A-frames and secured with ballasted sandbags which will be placed on the roadside verges. These will be in place for the duration of the works.



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Map showing the diversion of the existing foul sewer pipe



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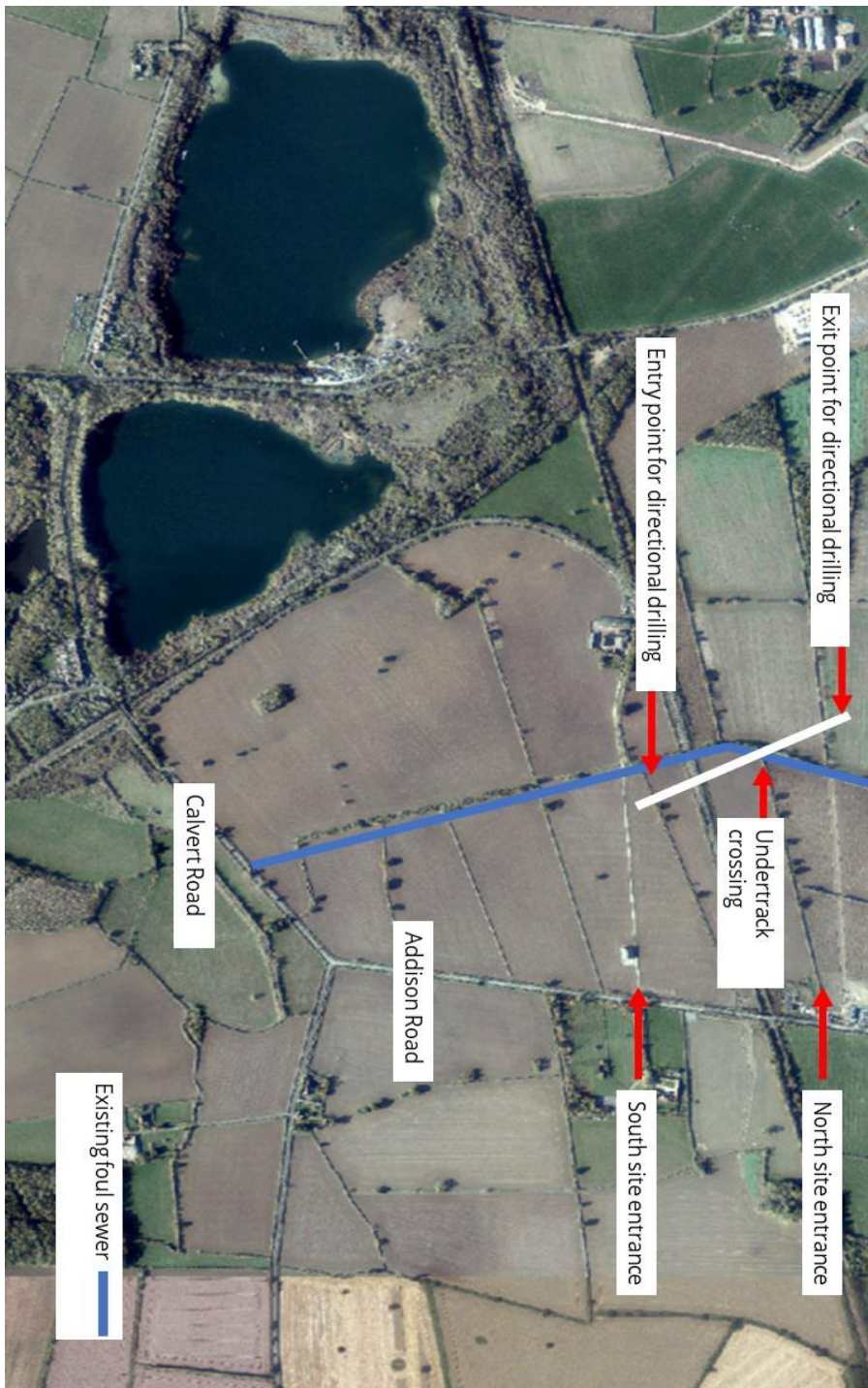
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[www.hs2.org.uk](http://www.hs2.org.uk)

Map showing the diversion of the existing foul sewer and drilling entry points



Contact our HS2 Helpdesk team on **08081 434 434**



# What else is happening in your area?

[www.hs2.org.uk](http://www.hs2.org.uk)

## Contact our new HS2 Helpdesk team

Our new Helpdesk team is based in our Head Office in Birmingham. This is so that we can provide you with the best service possible. Our team is here to listen and respond to your enquiry, complaint or feedback to help us be a good neighbour.

You can contact our Helpdesk team all day, every day of the year on:

Freephone: **08081 434 434**

Minicom: **08081 456 472**

Email: [hs2enquiries@hs2.org.uk](mailto:hs2enquiries@hs2.org.uk)

## Keep up-to-date with your local community website

To find out more about what's happening in your area and receive regular email updates, you can sign up to our local community websites at: [www.hs2inyourarea.co.uk](http://www.hs2inyourarea.co.uk).

## About our Community and Business Funds

We are offering two funds that are available to local communities and businesses between the West Midlands and London, to help with the disruption caused by our construction work. These are the Community and Environment Fund (CEF) and the Business and Local Economy Fund (BLEF).

The CEF is designed to give communities the opportunity to share in the benefits of HS2. It is an allocated fund that communities are able to apply for, to help to support local projects that aim to improve their local area.

The BLEF is designed to support local economies that may be disrupted by the construction of HS2. BLEF grants are for local business support organisations and local authorities to help maintain business activity in local communities.

For more information about each of these funds, including how to apply, please visit: <https://www.groundwork.org.uk/hs2funds>



# Keeping you informed

We are committed to keeping you informed about work on HS2. This includes ensuring you know what to expect and when to expect it, as well as how we can help.

## Residents' Charter and Commissioner

The Residents' Charter is our promise to communicate as clearly as we possibly can with people who live along or near the HS2 route. [www.gov.uk/government/publications/hs2-residents-charter](http://www.gov.uk/government/publications/hs2-residents-charter)

We also have an independent Residents' Commissioner whose job is to make sure we keep to the promises we make in the Charter and to keep it under constant review. Find reports at: [www.gov.uk/government/collections/hs2-ltd-residents-commissioner](http://www.gov.uk/government/collections/hs2-ltd-residents-commissioner)

You can contact the Commissioner at: [residentscommissioner@hs2.org.uk](mailto:residentscommissioner@hs2.org.uk)

## Construction Commissioner

The Construction Commissioner's role is to mediate and monitor the way in which HS2 Ltd manages and responds to construction complaints. You can contact the Construction Commissioner by emailing: [complaints@hs2-cc.org.uk](mailto:complaints@hs2-cc.org.uk)

## Property and compensation

You can find out all about HS2 and properties along the line of route by visiting: [www.gov.uk/government/collections/hs2-property](http://www.gov.uk/government/collections/hs2-property)  
Find out if you're eligible for compensation at: [www.gov.uk/claim-compensation-if-affected-by-hs2](http://www.gov.uk/claim-compensation-if-affected-by-hs2)

## Holding us to account

If you are unhappy for any reason you can make a complaint by contacting our HS2 Helpdesk team. For more details on our complaints process, please visit our website: [www.hs2.org.uk/how-to-complain](http://www.hs2.org.uk/how-to-complain)

## Contact Us

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 Freephone **08081 434 434**

 Minicom **08081 456 472**

 Email **[hs2enquiries@hs2.org.uk](mailto:hs2enquiries@hs2.org.uk)**

Write to:

**FREEPOST**

**HS2 Community Engagement**

Website **[www.hs2.org.uk](http://www.hs2.org.uk)**

To keep up to date with what is happening in your local area, visit: **[www.hs2inyourarea.co.uk](http://www.hs2inyourarea.co.uk)**

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**Reference number: FUS\_AWN\_0102  
HS2-EW-FUS-Ph1-Ar-Ce-C2-UT-25-08/03/2020**

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