



## Notice of engineering works update, Wendover Dean Viaduct

January 2022 | [www.hs2.org.uk](http://www.hs2.org.uk)

High Speed Two (HS2) is the new high speed railway for Britain. We 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. You can sign up for regular updates in your local area at [www.hs2inbucksandox.co.uk](http://www.hs2inbucksandox.co.uk).

### What are we doing?

As part of our continued preparatory works for the Wendover Dean Viaduct, EKFB will be carrying out some engineering work in the form of bored piling as well as sheet piling. These works will take place near to Durham Farm, off Bowood Lane.

Piling work is crucial to the stability of the ground and to distribute the weight of a constructed structure evenly. It is an effective approach to combating corrosion and is proven to significantly improve the life expectancy of a structure.

Our works will also involve the construction of a Bentonite concrete slab.

### When will these works take place?

We will be carrying out sheet and bored piling works from Monday 24 January through to the early Spring. These dates may be subject to change, are dependent on weather conditions, ground conditions and other factors outside of our control.

Works will take place between 8am and 6pm – Monday to Friday. Some additional weekend work may also take place.

**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

Works will commence

Monday 24 January 2022

Normal working hours:

Monday to Friday

8.00am – 6.00pm

Saturdays

8.00am – 1.00pm

Our contractors may be on site for one hour's start-up and shutdown either side of these times.

### What to expect

Varied activities with both quiet and busier periods.

Sheet Piling.

Bored Piling.

Noise from plant and equipment used for the works.

### What we will do

Manage any environmental impacts, such as traffic and noise

Respond promptly to any complaints and take appropriate action

Take care to respect the community

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## What is sheet piling?

Sheet piles are commonly used for retaining walls and underground structures to provide stability and support to the ground prior to future works taking place, in this case the construction of the viaduct. We will be using sections of sheet metal nine metres long with interlocking edges that will be pushed into the ground, side by side to form a permanent earth retaining barrier. This barrier will protect the viaduct piers during the construction and operational phases. We are also preparing the area with some earthworks to create the abutments at either end of the viaduct.

## What is bored piling?

Bored piles are a commonly used form of foundation that provide support for structures, transferring their load to layers of soil or rock that have sufficient bearing capacity and suitable settlement characteristics. Bored piles require the removal of earth to form a hole for a reinforced concrete pile which is poured in situ. Bored piles are drilled by a piling rig that remove the earth through rotary boring.

## How does HS2 use Bentonite?

Bentonite is a naturally occurring clay that is very widely used in a wide range of industries including cosmetics, agriculture and brewing. Bentonite is of low toxicity, is not defined as a hazardous substance, and is safe to use in all of these applications if managed appropriately.

On HS2, Bentonite mixed with water is mainly being used in the construction of the foundation piling work to reinforce the excavation before the concrete is pumped in. It is then removed, cleaned and reused. Bentonite is used in this way in building sites across the country every single day of the year. It is not in any way controversial or unusual.

## Will there be noise?

Due to the nature of the works, there will be some construction noise associated with this activity. We will be constantly monitoring all noise and vibrations at several noise receptor points close to the works areas.

We have a section 61 approval from Buckinghamshire County Council in place which permits us to carry out these works.

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## Where will the works take place?

The map below shows the area where we will be carrying out our works, in preparation for the Wendover Dean Viaduct.



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

# 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

Contact our HS2 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)**

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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<https://www.gov.uk/government/publications/high-speed-two-ltd-privacy-notice>

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High Speed Two (HS2) Limited, registered in England and Wales.

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