

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

HS2 Update

Greatworth Green Tunnel | December 2025

High Speed Two (HS2) is the new high-speed railway for Britain.

You can sign up for regular updates in your local area at

www.hs2inyourarea.co.uk

Delivery of green tunnel segments

During 2025, construction has progressed on the Greatworth green tunnel and we will continue receiving deliveries of precast tunnel segments as we continue the installation process.

These segments are built in a factory in Derbyshire and then transported to Greatworth, where they are assembled within the excavated tunnel trench with a crane. Once in place, the segments will be covered with earth and landscaped to fit into the surrounding countryside.



You may see HGVs carrying these distinctive, curved concrete structures to our Greatworth compound. Most of these deliveries will not require any traffic management or vehicle escorts. They will travel at normal speeds along the highway, similar to other HGV traffic.

The precast method uses approximately half the amount of concrete, 20% less steel and significantly reduces the construction time required. It also eliminates the need to have heavy and disruptive manufacturing on-site near Greatworth.

We have also carefully considered the material choices for this structure. Concrete and steel are some of the biggest sources of carbon emissions within the construction industry and by reducing the amount of both materials needed for the tunnel, it is also expected to more than halve the amount of carbon that would have been embedded in the structure.

When will these deliveries take place?

The installation of precast sections of the Greatworth Green Tunnel commenced in 2023.

The deliveries will take place Monday to Friday, with regular deliveries, of between 5 to 15 deliveries each day during the peak construction period.

Wherever possible, we will minimise the impact on other road users by coordinating deliveries and avoiding peak times.

To deliver our widest segments safely, some occasional short periods of traffic management may be required.

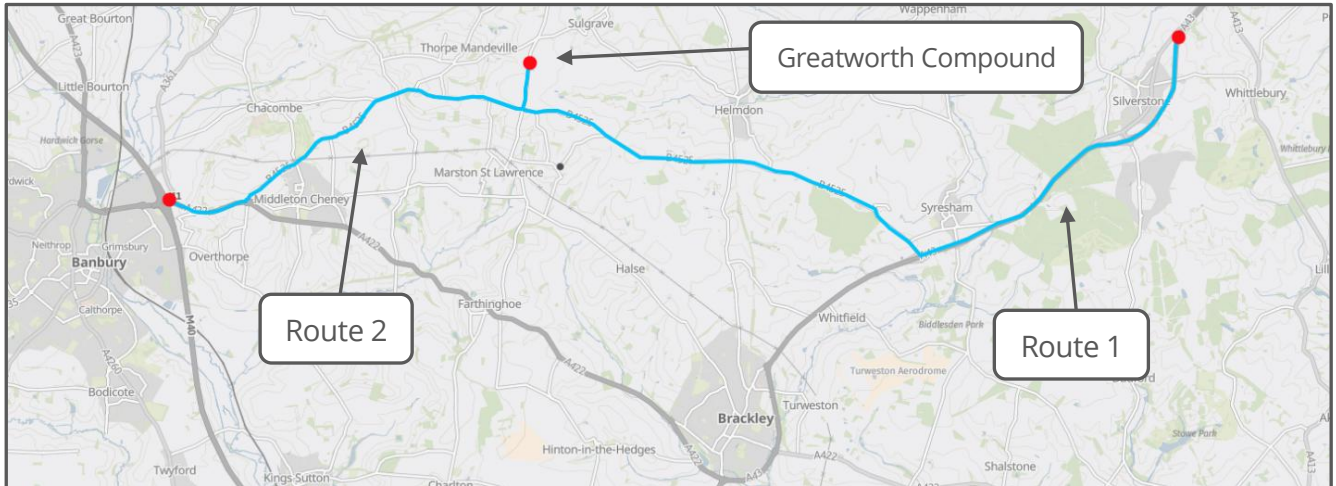
Installation of the tunnel segments is expected to be completed by the end of 2027.

What route will be used to deliver the tunnel segments?

The tunnel segments are delivered to our Greatworth Compound via one of two routes.

Route 1: Leaving the M1 at Junction 15a, then travelling along the A43 and onto the B4525.

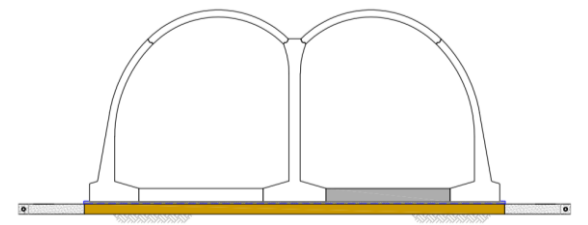
Route 2: Leaving the M40 at Junction 11, then along the A422 and onto the B4525.



How will the Green Tunnel be constructed?

A green tunnel, or cut-and-cover tunnel, is made by excavating a trench and building a tunnel in the open space, then the land on top of the tunnel is restored so it blends into the landscape.

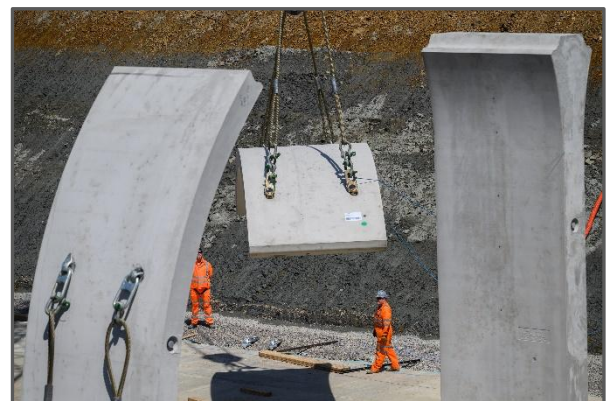
Designed as a double arch, the tunnel will have two separate halves for southbound and northbound trains. For the Greatworth Green Tunnel, around 5000 individual tunnel segments will be produced and installed.



The structure of the tunnel is made of five curved, interlocking segments as shown above.

These segments will be slotted together to achieve the double arch – one central pier, two side walls and two roof slabs. Each one will be reinforced with steel, with the largest weighing up to 43 tonnes.

The tunnel will have specially designed 'porous portals' at either end to reduce the noise of trains entering and exiting the tunnel and small portal buildings to house safety and electrical equipment.



Keeping you informed

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

Residents' and Construction Commissioner

The independent Residents' and Construction Commissioner oversees and monitors our **community engagement strategy**, making sure we fulfil our commitments to you.

The commissioner monitors the way we manage and respond to complaints about construction and advises members of the public how to make complaints.

The commissioner helps settle disputes involving individuals and organisations that we can't resolve.

You can find the commissioner's report and our responses at:
www.gov.uk/government/collections/independent-hs2-commissioner

The commissioner can be contacted on:
hs2commissioner@dft.gov.uk

Property and compensation

You can find out all about HS2 and properties along the route by visiting:
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

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/contact-us/how-to-complain

Reference number: **HS2-EKFB-25-1515**

Contact us

Our HS2 Helpdesk team are available all day, every day. You can contact them by:

 Freephone **08081 434 434**

 Minicom **08081 456 472**

 Email hs2enquiries@hs2.org.uk

Write to:

FREEPOST
HS2 Community Engagement

Website www.hs2.org.uk

To keep up to date with what is happening in your area, visit:

www.hs2inyourarea.co.uk

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We are committed to protecting personal information. If you would like to know more about how we use your personal information, please see our privacy notice (www.gov.uk/government/publications/high-speed-two-ltd-privacy-notice)