

Update on Northolt Tunnel construction

August 2024 | www.hs2.org.uk

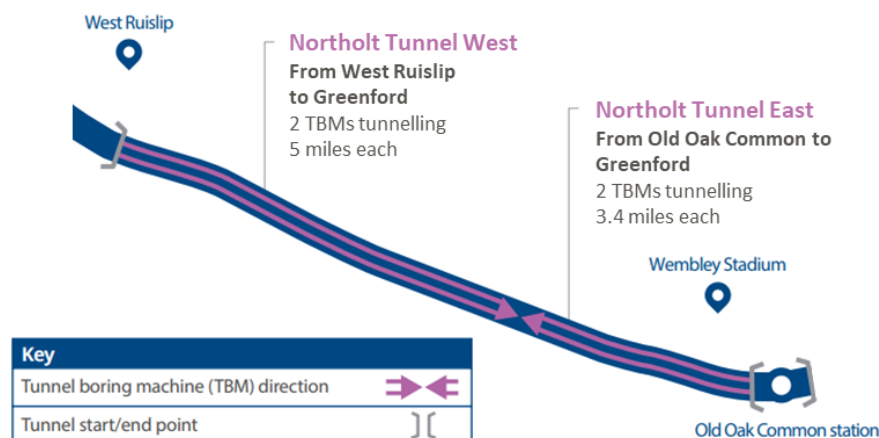
High Speed Two (HS2) is the new high speed railway for Britain.

Northolt Tunnel Overview

The Northolt Tunnel is 8.4 miles (13.5km) long, and runs between Old Oak Common station and West Ruislip, where the HS2 route surfaces.

The tunnel is being built in two phases, known as Northolt Tunnel West (NTW) and Northolt Tunnel East (NTE). These are being constructed by tunnel boring machines (TBMs) which were launched in autumn 2022 and early 2024 respectively. The NTE also includes the shorter Old Oak Common Tunnel (OOC) which will be built using a spray concrete lining (SCL) method. More information on the tunnelling progress and programme can be found on the next page.

Northolt Tunnel Route



The progress and expected programme of the TBMs can be found on the following page.

You can view the current location of our TBMs and the route they are taking by visiting: <https://www.hs2.org.uk/in-your-area/>

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

Notification



Duration of works

Autumn 2022 to late 2026

24 hours, 7 days a week

What to expect

Some residents living near the TBMs may hear some ground borne noise as the TBMs pass, or when we are building cross passages between the tunnels

Operatives may be seen along the line of route taking readings from monitoring equipment

What we will do

Monitor ground movement, noise and vibration levels at all times

Keep you updated on progress and advise when to expect tunnelling in your area

Updates can be found www.hs2.org.uk/in-your-area/

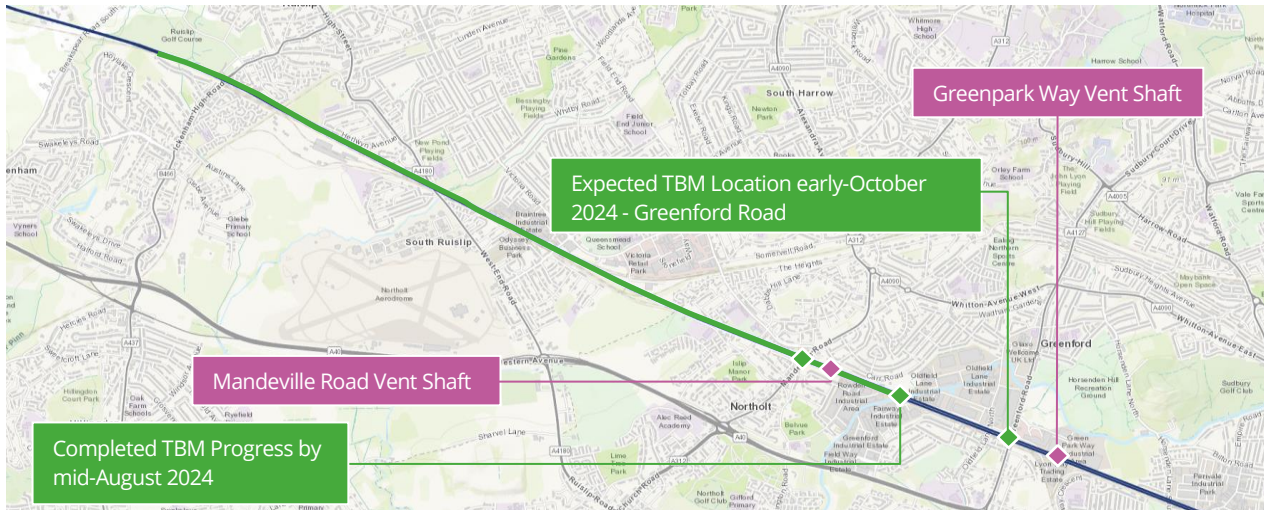
Update on Northolt Tunnel construction

Notification



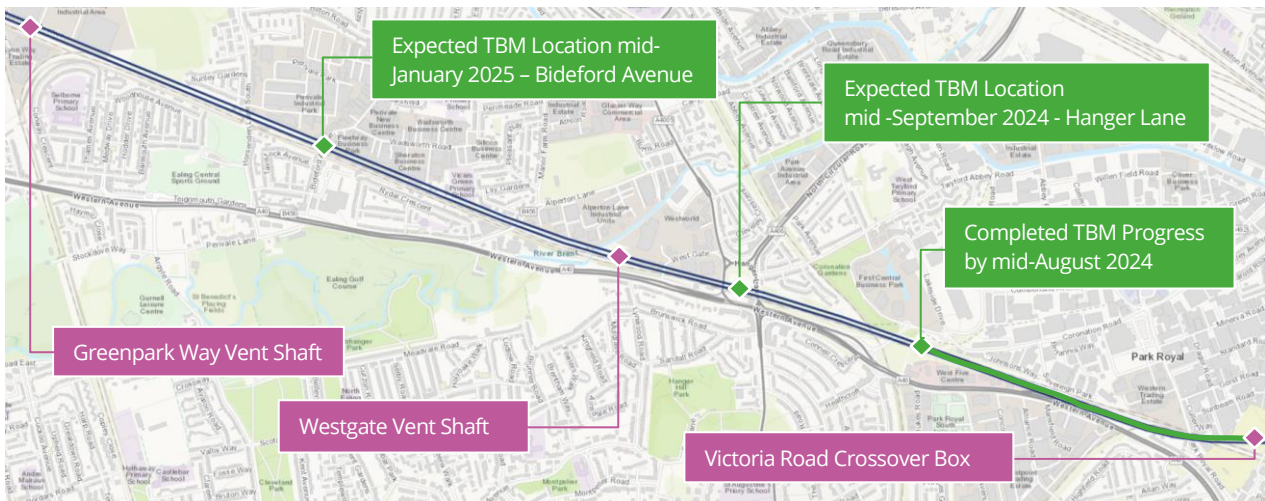
www.hs2.org.uk

Northolt Tunnel West



The NTW TBM is progressing at around 150 metres a week, and after route maintenance at our Mandeville Vent Shaft (MRVS) site in July, tunnelling has now resumed. The upline TBM has now reached MRVS and will undergo maintenance before resuming tunnelling by late August*. As shown on the map above, the TBM is expected to reach the Greenford Road area in early October 2024, before finishing its tunnelling journey at Greenpark Way Vent Shaft in November 2024. The depth of the Northolt Tunnel West in these locations (from the ground surface to the crown of the tunnel) varies between 22 and 26 metres.

Northolt Tunnel East



The NTE TBM is progressing at around 150 metres a week and has passed Park Royal. As shown in the map above, the TBM is expected to be by Hanger Lane in mid-September 2024, followed by Bideford Avenue in January 2025, before finally meeting the Northolt Tunnel West at Greenpark Way Vent Shaft in April 2025. The depth of the Northolt Tunnel East between Old Oak Common and Greenford will vary between 12 and 40 metres.

If you would like specific information for your property contact the Helpdesk on 08081 434 434 or email hs2enquiries@hs2.org.uk.

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

Update on Northolt Tunnel construction

www.hs2.org.uk

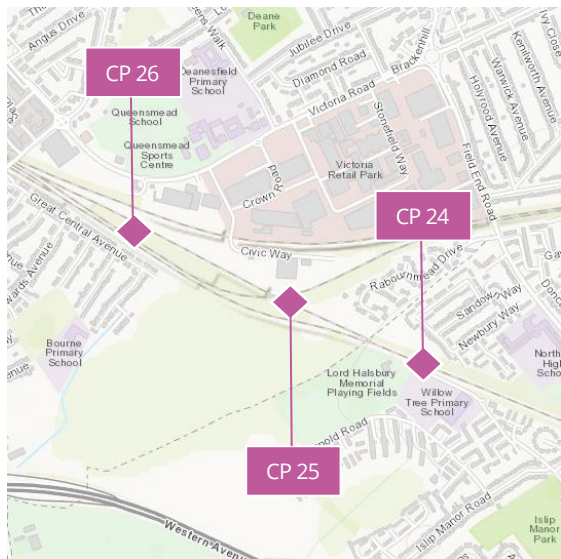
Notification



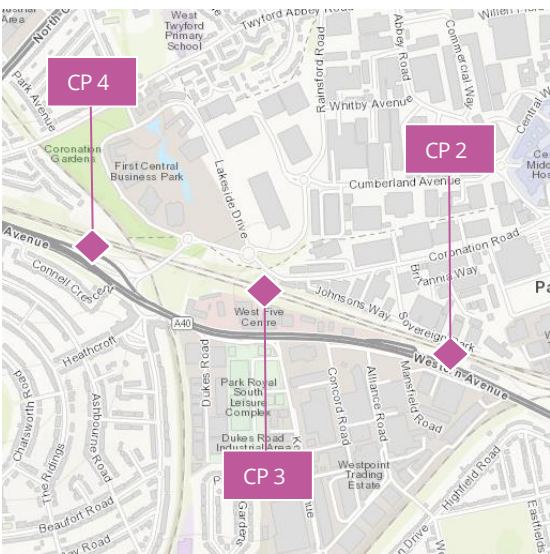
Cross Passages

Cross passages (CP) are short tunnels that connect two parallel running tunnels and provide a safe evacuation of trains in an emergency. These will be built approximately 500 metres apart along the tunnel route, and will be between 12 to 40 metres below ground. Five cross passages have been completed on the NTW and 29 are remaining across both tunnel phases. Details of upcoming construction and approximate locations can be found below.

Northolt Tunnel West



Northolt Tunnel East



| Cross Passage Location | Date* |
|--|-----------------|
| NTW CP 26 Great Central Avenue | Late August |
| NTW CP 25 Rabbournmead Drive | Early October |
| NTW CP 24 Wilsmere Drive | Mid November |
| NTE CP 2 Wendover Court | Early September |
| NTE CP 3 Johnson Way | Late September |
| NTE CP 4 Lakeside Drive | Mid October |
| *All dates are subject to change. Updates can be found on https://www.hs2.org.uk/in-your-area closer to the time of construction | |

Boreholes

As part of our continued investigative work, we are routinely checking the boreholes along the route. Some of the boreholes are located in open spaces in the local area and you may see our operatives carrying out checks on a daily basis.

Update on Northolt Tunnel Construction

www.hs2.org.uk

Notification



Monitoring and surveys along the tunnelling route

We will carry out ground and building monitoring and visual surveys along the tunnelling route. You may notice our surveying team in your local area for short periods. We will let you know if any of our monitoring and visual surveys will impact you directly.

Upcoming Events

| Engagement | Date* |
|---|----------------------------------|
| Virtual Future Tunnelling Drop In | Every third Tuesday of the month |
| Virtual A40 Drop In | Every third Tuesday of the month |
| NTE and OOC Tunnel In-person event | September |
| NTE and OOC Tunnel Online Event | October |
| *All dates are subject to change and will be confirmed closer to the time | |

Updates on events can be found at <https://www.hs2.org.uk/events/>

Useful Information

Much information about the Northolt Tunnel East and wider HS2 project can be found on the HS2 website. Specific links which may be of interest to you can be found below:

Find out about our tunnel boring machines:

<https://www.hs2.org.uk/building-hs2/tunnels/meet-our-giant-tunnel-boring-machines/>

Information about how we minimise ground borne noise and vibration

HS2 Phase One information papers: Control of ground-borne noise and vibration from the operation of temporary and permanent railways (E21)

HS2 Guide to ground settlement

<https://www.hs2.org.uk/in-your-area/managing-impacts-of-construction/ground-settlement/>

HS2 Community and Environment Fund (CEF) and the Business and Local Economy Fund (BLEF)

<https://hs2funds.org.uk/>

Information on the Northolt Tunnels:

<https://www.hs2.org.uk/building-hs2/tunnels/tunnel-drives/northolt-tunnel/>

Information on Old Oak Common Station:

<https://www.hs2.org.uk/building-hs2/stations/old-oak-common/>

What else is happening in your area?

www.hs2.org.uk

Contact our HS2 Helpdesk team

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

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.

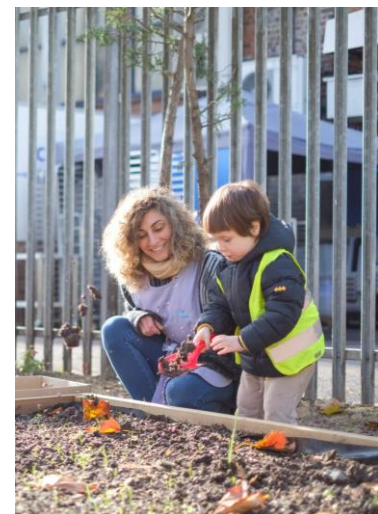
About our Community and Business Funds

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 you.

The Residents' Commissioner

The independent Residents' Commissioner oversees and monitors our commitments to you.

The commissioner's reports and our responses can be found at www.gov.uk/government/collections/hs2-ltd-residents-commissioner

The Residents' Commissioner makes sure we fulfil the commitments in the HS2 Community Engagement Strategy (<https://bit.ly/3oOA25j>).

The Residents' Commissioner can be contacted on: residentscommissioner@hs2.org.uk

Construction Commissioner

The independent Construction Commissioner regularly meets our Chief Executive Officer to raise any concerns or emerging trends across HS2.

The Construction Commissioner's role has been developed to monitor the way we manage and respond to construction complaints.

The commissioner mediates on disputes about construction, involving individuals and organisations, that we can't resolve. The commissioner advises members of the public about how to make a complaint about construction.

The Construction Commissioner can be contacted on: complaints@hs2-cc.org.uk

Property and compensation

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

www.gov.uk/government/collections/hs2-property

Find out if you can claim 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 the HS2 Helpdesk. For more details on our complaints process, please visit:

www.hs2.org.uk/in-your-area/contact-us/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**

Write to:

FREEPOST

HS2 Community Engagement

Website **www.hs2.org.uk**

To keep up to date with what is happening in your local area, visit:
www.HS2inyourarea.co.uk

Please contact us if you'd like a free copy of this document in large print, Braille, audio or 'easy read' format. You can also contact us for help and information in a different language.

HS2 Ltd is committed to protecting personal information. If you wish to know more about how we use your personal information please see our Privacy Notice:

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

Reference number: HS2-EW-SCS-Ph1-Ar-So-S1 -Tun-1-17/07/2024

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

Registered office: Two Snowhill, Snow Hill Queensway, Birmingham B4 6GA.

Company registration number: 06791686. VAT registration number: 888 8512 56