

HS2

Brent and Ealing vent shafts

Autumn 2023

Three-month construction look ahead



Brent and Ealing vent shafts

Autumn 2023

This look ahead covers HS2 associated work in Brent and Ealing on our four vent shafts. For information around Old Oak Common station, please see our Old Oak and North Acton look ahead.

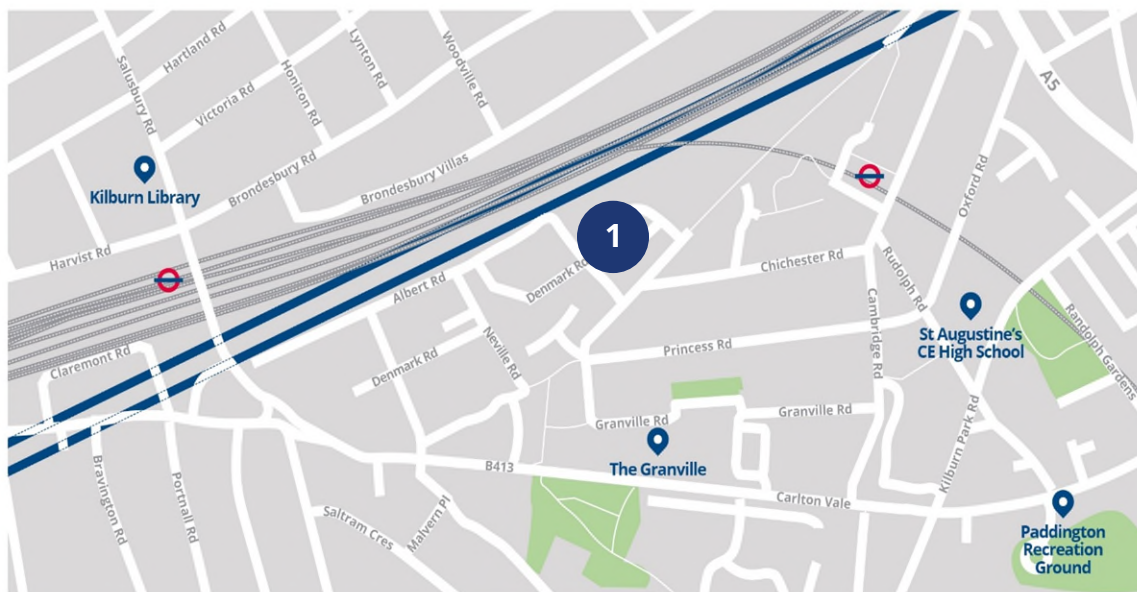
The document includes:

- A forward look of construction activities planned in the next three months; and
- Works to be aware of that will take place in the next 12 months, but may not yet have been confirmed.

The dates and information included in this look ahead are subject to change as our programme develops. For the latest information on our works, please visit the [HS2 in Brent and Ealing](#) website or our [In Your Area map](#).

If you have any queries about the information in this forward look, the HS2 Helpdesk is available all day, every day on **08081 434 434** or by emailing **HS2enquiries@hs2.org.uk**

Map 1 – Canterbury Works Vent Shaft, Kilburn



Key

- Parkland
- Existing train line
- HS2 route indication
- HS2 route Phase One underground
- Underground station

Some of our work at this site may require extended hours of working. If extended working hours are required, we will inform the local community in advance.

We are pausing and rephasing some construction activities between Euston and Old Oak Common. This includes activities at the Canterbury Works headhouse and ventilation shaft site, which will be brought to a safe stop in spring 2024 until spring 2025.

Three-month look ahead

Location of works	Proposed duration	Description of works
Location 1 Canterbury Works site	September to November 2023	<p>Ongoing works at our Canterbury Works site during this period include:</p> <ul style="list-style-type: none"> • Works to build the ventilation shaft including excavation and installation of a sprayed concrete lining; and • Ongoing waterproofing and reinforced concrete lining works.

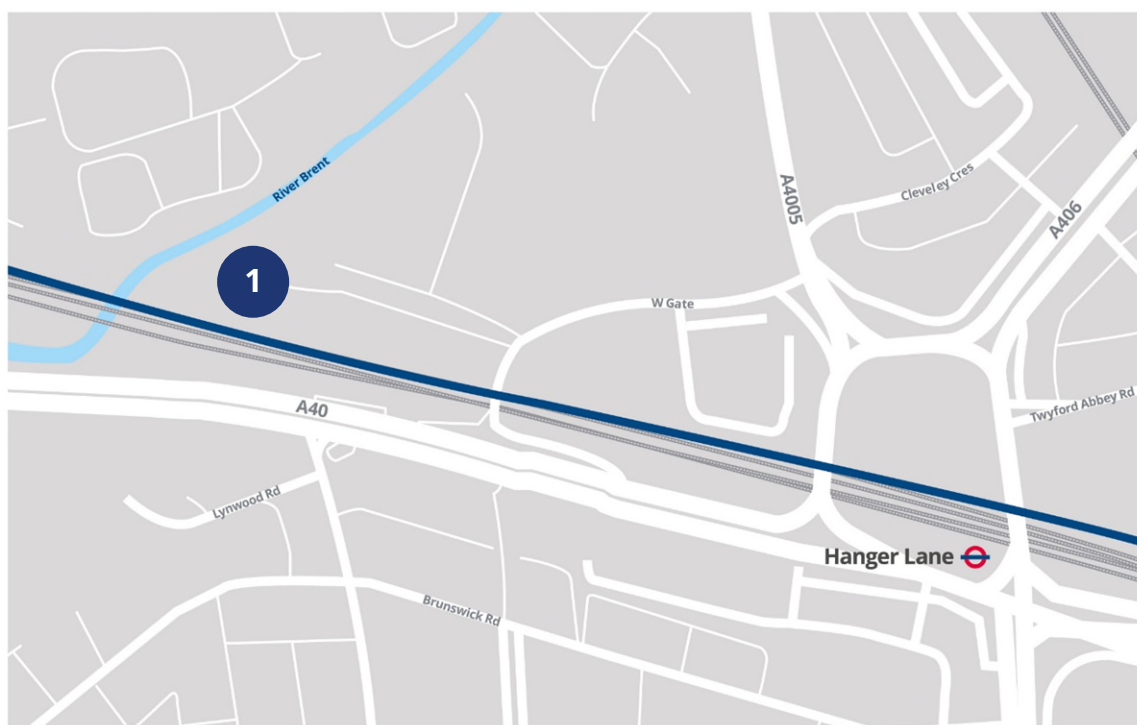
Various locations, Brent	September to November 2023	<p>We will carry out utility surveys in various locations along the HS2 tunnel route. The surveys help us to understand how we may need to protect utility services during construction of the tunnels. We may need to carry out future utility protection works in some local areas in Brent.</p> <p>We will also install utility connections on our site. This will provide essential services to our welfare facilities.</p> <p>We will write to you in advance of any utility surveys or utility works that might impact you.</p>
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12 months advanced look ahead

Location of works	Proposed duration	Description of works
Location 1 Canterbury Works site	Winter 2023 to autumn 2024	<p>Works planned at our Canterbury Works site during this period include:</p> <ul style="list-style-type: none"> • Ongoing works to build the ventilation shaft including excavation and installation of a sprayed concrete lining; • Works to build adits (horizontal passages below ground) that will connect the HS2 tunnels. These include excavation, waterproofing and concrete lining works; and • Works to install the base slab, secondary lining and waterproofing in the ventilation shaft. <p>In spring 2024 site activities will be brought to a safe pause until spring 2025, in line with Government direction.</p>
Various locations, Brent	Winter 2023 to autumn 2024	<p>We will carry out utility surveys and bridge surveys in various locations along the HS2 tunnel route. The surveys help us to understand how we may need to protect utility services and bridges during construction of the tunnels.</p> <p>We may need to carry out utility protection works and bridge protection works in some local areas in Brent, including:</p>

		<ul style="list-style-type: none"> • Kilburn High Road <p>Further details and dates for any utility and bridge protection works remain subject to ongoing surveys and design work.</p> <p>We will write to you in advance of any utility surveys or utility works that might impact you.</p>
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Map 2 – Westgate Vent Shaft, Hanger Hill



Key

- Parkland
- Water/river
- Tube station
- HS2 route Phase One underground
- Existing train line

Some of our work at this site may require extended hours of working. If extended working hours are required, we will inform the local community in advance.

Three-month look ahead

Location of works	Proposed duration	Description of works
Location 1 Westgate site	September to November 2023	<p>Ongoing works at our Westgate site during this period include:</p> <ul style="list-style-type: none"> • Works in the ventilation shaft to build adits (horizontal passages below ground) that will connect to the HS2 tunnels. These tunnels will be dug using an excavator and sprayed concrete lining; • Works in the ventilation shaft, including installation of waterproofing and reinforcement for the secondary lining;

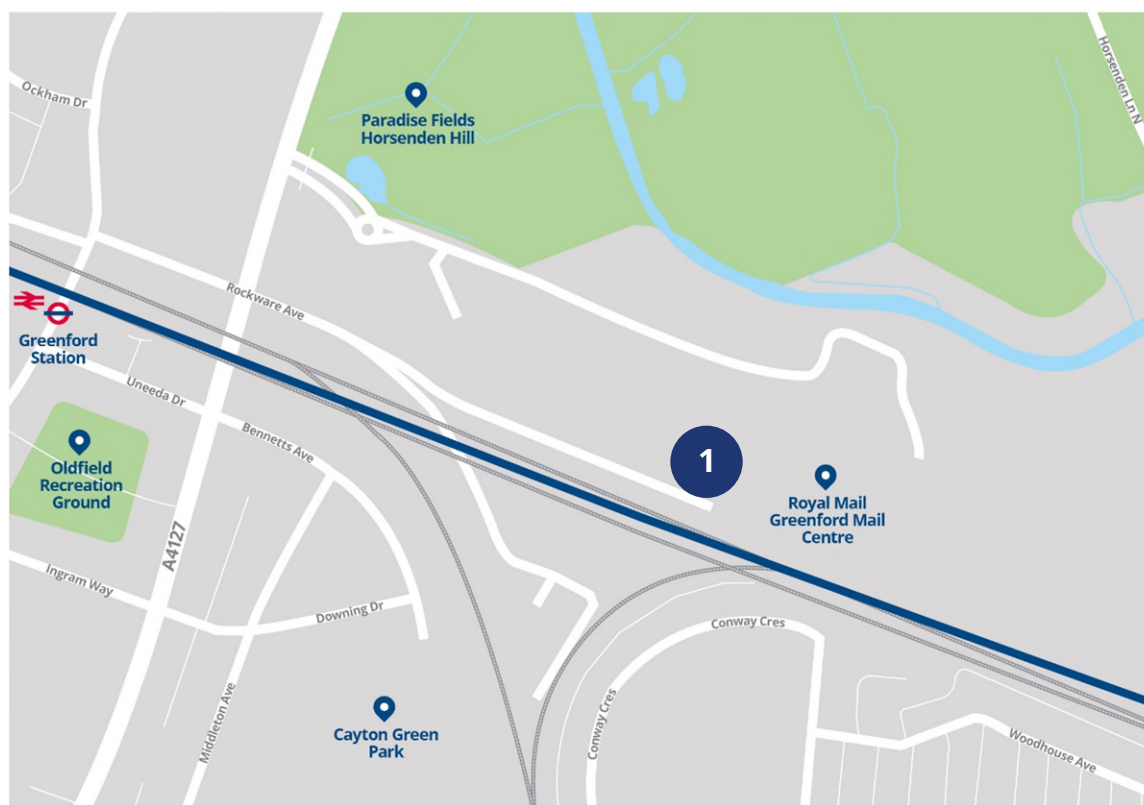
		<ul style="list-style-type: none"> • Works in the cross passages including sprayed concrete lining; • Large vehicle deliveries to begin piling activities for the headhouse foundations; and • Start of piling activities for the headhouse foundation.
Various locations, Ealing	September to November 2023	<p>We will carry out utility and bridge surveys in various locations along the HS2 tunnel route. The surveys help us to understand how we may need to protect utility services and bridges during construction of the tunnels. We may need to carry out utility protection works in some local areas in Ealing.</p> <p>We will also install utility connections on our site. This will provide essential services to our welfare facilities.</p> <p>We will write to you in advance of any utility surveys or utility works that might impact you.</p>

12 months advanced look ahead







Location of works	Proposed duration	Description of works
Location 1 Westgate site	Winter 2023 to autumn 2024	<p>Works planned at our Westgate site during this period include:</p> <ul style="list-style-type: none"> • Completion of works in the ventilation shaft to build the adits (horizontal passages below ground); • Works in the ventilation shaft including installation of waterproofing; • Works to build internal structures in the ventilation shaft including shaft walls, floors, and staircases; • Preparation works ahead of the headhouse (the building that sits on top of the ventilation shaft) construction, including installation of a base slab and piling; and • Works to build the headhouse frame.

Various locations, Ealing	Winter 2023 to autumn 2024	<p>We will carry out utility and bridge surveys in various locations along the HS2 tunnel route. The surveys help us to understand how we may need to protect utility services and bridges during construction of the tunnels.</p> <p>We may need to carry out utility protection works and structural bridge mitigations near our Westgate site.</p> <p>We currently expect that utility protection works will be required in:</p> <ul style="list-style-type: none"> • West Gate • Alperton Lane • Western Avenue <p>We are planning to carry out utility works on Lynwood Road from winter 2023/24.</p> <p>Further details and dates for any utility and bridge protection works remain subject to ongoing surveys and design work.</p> <p>We will write to you in advance of any utility surveys or utility works that might impact you.</p>
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Map 3 – Greenpark Way Vent Shaft, Greenford



Key

	Parkland		Rail station		Existing train line
	Water/river		Tube station		HS2 route Phase One underground

Some of our work at this site may require extended hours of working. If extended working hours are required, we will send out information to local communities in advance.

Three-month look ahead

Location of works	Proposed duration	Description of works
Location 1 Greenpark Way site	September to November 2023	<p>Ongoing works at our Greenpark Way site during this period include:</p> <ul style="list-style-type: none"> Works to build the main ventilation shaft and satellite shaft including excavation, installation of concrete segments and a sprayed construction lining and construction of the concrete foundation, known as a base slab;

		<ul style="list-style-type: none"> • Removal of water from the ground as the shaft is constructed; • Network Rail track maintenance works every three months; • Piling activities for the headhouse foundation; and • Sheet piling activities for construction of the ventilation basement, which will be used to manage the air quality once the tunnels have been constructed. Sheet piling is the process of driving metal sheets into the ground to create an additional layer of support.
Various locations, Ealing	September to November 2023	<p>We will carry out utility surveys in various locations along the HS2 tunnel route. The surveys will tell us what work is needed to protect utility services during construction of the tunnels. We may need to carry out utility protection works in some local areas in Ealing.</p> <p>We are planning to carry out utility works on Horsenden Lane South from autumn 2023.</p> <p>We will also install utility connections on our site. This will provide essential services to our welfare facilities.</p> <p>We will write to you in advance of any utility surveys or utility works that might impact you.</p>

12 months advanced look ahead







Location of works	Proposed duration	Description of works
Location 1 Greenpark Way site	Winter 2023 to autumn 2024	<p>Works planned at our Greenpark Way site during this period include:</p> <ul style="list-style-type: none"> • Ongoing works to build the main ventilation shaft and satellite shaft including excavation and installation of sprayed concrete lining; • Works to install the base slabs, waterproofing and reinforcements in the main ventilation shaft and the satellite shaft;

		<ul style="list-style-type: none"> • Ongoing removal of water from the ground as the shafts are constructed; • Works to build sprayed concrete lining adits (horizontal passages) that will connect the HS2 tunnels; and • Start of preparation works to build the headhouse building (the building that sits on top of the ventilation shaft). These works will include installation of a concrete foundation, known as a base slab, and piling.
Various locations, Ealing	Winter 2023 to autumn 2024	<p>We will continue to carry out utility and bridge surveys in various locations along the HS2 tunnel route. The surveys will inform future works to protect these assets during construction of the tunnels.</p> <p>We may need to carry out some utility protection works and structural bridge mitigations near our Greenpark Way site.</p> <p>We currently expect that utility protection works may be required in Bideford Avenue.</p> <p>Further details and dates for any utility and bridge protection works remain subject to ongoing surveys and design work.</p> <p>We will write to you in advance of any utility surveys or utility works that might impact you.</p>

Map 4 – Mandeville Road Vent Shaft, Northolt



Key

	Parkland		Underground station		HS2 route Phase One underground
	Water/river		Existing train line		HS2 route indication

Some of our work at this site will require extended hours of working and we will send out information to the local community in advance.

Three-month look ahead

Location of works	Proposed duration	Description of works
Location 1 Mandeville Road site	September to November 2023	<p>Works on our Mandeville Road site during this period include:</p> <ul style="list-style-type: none"> • Sheet piling for the satellite shaft: this is the process of driving metal sheets into the ground to create an additional layer of support around the walls of the shaft; • Reinforced concrete works to the main shaft and satellite shaft with some extended working hours to facilitate concrete pours; and • Excavation of the satellite shaft and installation of sprayed concrete lining.
Location 2	October to December 2023	Utility works on Mandeville Road and the Northolt Leisure Centre during this period include:

Mandeville Road		<ul style="list-style-type: none"> • Excavation works; • Install lining to the sewer network; and • Site demobilisation and reinstatement.
Location 3 Eastcote Lane	September to December 2023	<p>Gas and water main replacement works on Eastcote Lane, including:</p> <ul style="list-style-type: none"> • Excavation works; • Installation of temporary site compound on Mote Farm Road; • Installation of temporary gas pipe above the ground; • Replacement of the gas and water mains; and • Reinstatement of the site.
	September to December 2023	<p>Further utility works on Eastcote Lane during this period include:</p> <ul style="list-style-type: none"> • Excavation works; • Sewer lining works, gas and water main works; and • Site demobilisation and reinstatement.
Location: Greenford Road, Greenford	September 2023 to March 2024	<p>Utility works on Greenford Road during this period include:</p> <ul style="list-style-type: none"> • Excavation works; • Replacement of the gas and water mains; and • Reinstatement of the site.

12 months advanced look ahead

Location of works	Proposed duration	Description of works
Location 1 Mandeville Road site	Winter 2023 to autumn 2024	<p>Works planned at our Mandeville Road site during this period include:</p> <ul style="list-style-type: none"> • Excavation and installation of a sprayed concrete lining to the main shaft and satellite shaft;

		<ul style="list-style-type: none"> • Installation of reinforced concrete structures at the base of the shafts to allow the tunnels to be constructed through the shafts; and • Installation of reinforced concrete structures at ground level for the headhouse.
Location 2 Mandeville Road	Spring 2024	Surveys of the road following the progress of our tunnel boring machines under Mandeville Road.
Location 3 Eastcote Lane	Summer 2024	Surveys of the road following the progress of our tunnel boring machines under Eastcote Lane.
Greenford Road, Greenford	Summer 2024	Surveys of the road following the progress of our tunnel boring machines under Greenford Road.
Oldfield Lane North, Greenford	January to May 2024	<p>Utility works on Oldfield Lane North during this period include:</p> <ul style="list-style-type: none"> • Excavation works; • Replacement of the gas mains; and • Reinstatement of the site.

Respecting People, Respecting Places

Having listened to feedback from communities and stakeholders, we have refreshed our Community Engagement Strategy. **'Respecting People, Respecting Places'** highlights how we will always try to do the right thing and reduce disruption to the lives of local people as much as we can during the planning and building of the railway.

We will engage with you by:

- **Informing:** Keeping you updated on issues that affect your area
- **Involving:** Involving you in opportunities as we plan and build HS2
- **Responding:** Listening to you and helping with your questions and concerns
- **Consulting:** Formally consult with you while we seek permission to build Phase 2b (we now have permission to build Phase One and Phase 2a)

Our commitments to you

Informing

- We will tell you about HS2 works in your area.
- We have local community websites and newsletters with regular information and updates about our work in your area.
- We have local community teams who know your area. They will hold local events and run projects to keep you informed.

Involving

- We will involve you in opportunities to benefit and learn as we build HS2 including jobs, skills, education, employment and funding.
- We will ask you about the design of specific parts of the railway.

Responding

- Our dedicated HS2 Helpdesk is available 24 hours a day, every day of the year, to help with any questions or concerns you have about HS2 or our work.
- If things go wrong, we have a complaints process and a dedicated complaints team.
- An independent Construction Commissioner monitors how we manage and deal with complaints.

Consulting

- We will hold formal consultations with you while we seek permission to build Phase 2b of HS2.
- We now have permission to build Phase One and Phase 2a. This means we will only formally consult on this part of HS2 when we need permission to do things that fall outside the terms of the legislation agreed by Parliament.

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' Commissioner

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

The Commissioner's reports and our responses can be found at

<http://www.gov.uk/government/collections/hs2-ltd-residents-commissioner>

The Residents' Commissioner makes sure we fulfil the commitments in the [HS2 Community Engagement Strategy](#)

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 at: 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

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/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

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High Speed Two (HS2) Limited
Two Snowhill
Snow Hill, Queensway
Birmingham B4 6GA

24/7 freephone 08081 434 434

Minicom 08081 456 472

Email HS2enquiries@hs2.org.uk

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