

# HS2

## Hillingdon

March 2023

Three-month construction look ahead



# Hillingdon

## February 2023

This forward look covers HS2 associated work in the London Borough of Hillingdon.

The document includes:

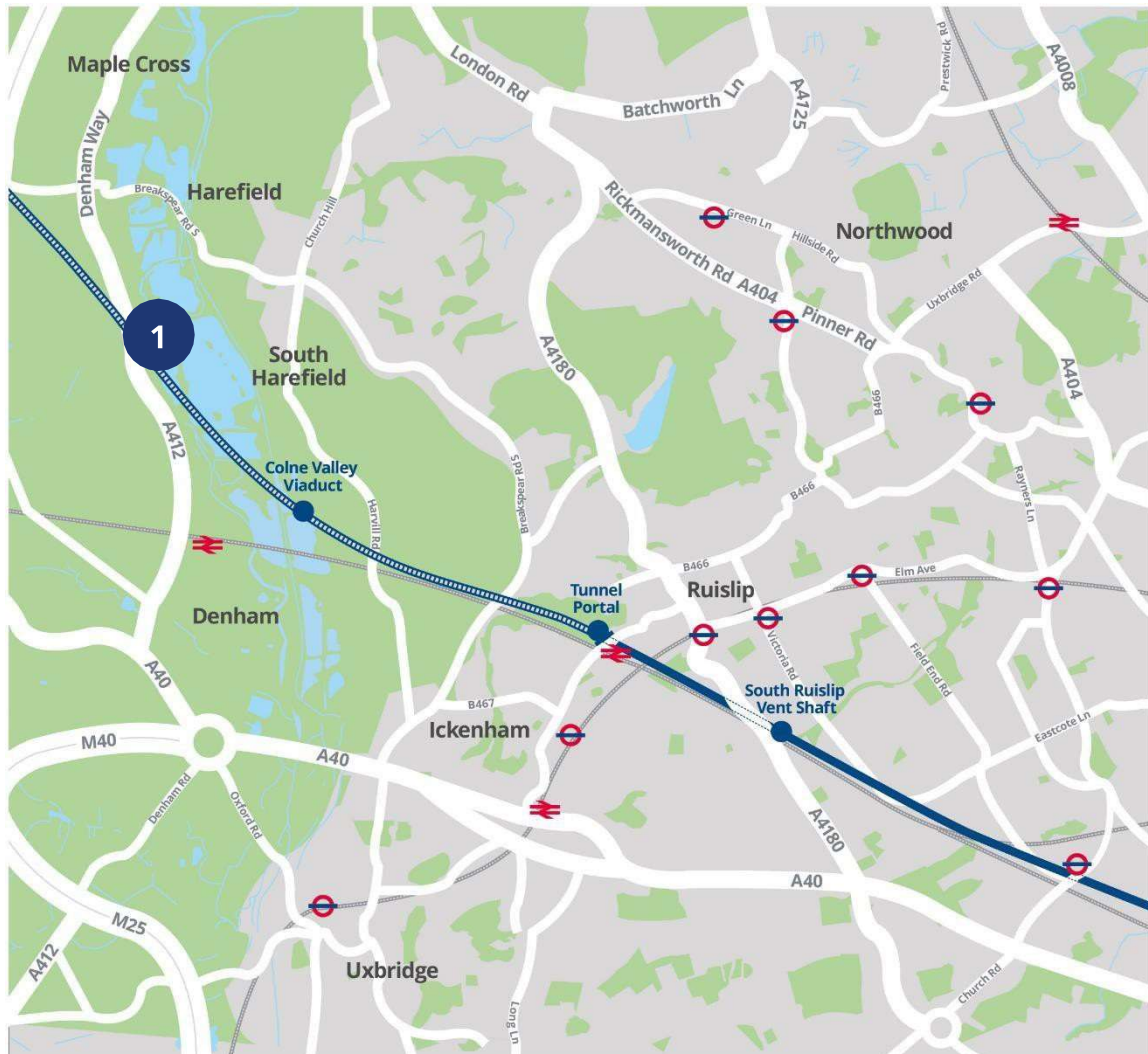
- A forward look of construction activities planned in the next three months
- Works to be aware of that will take place in the next 12 months, but may not yet have been confirmed

The dates and information included in the forward look are subject to change as programme develops. These will be updated in the next edition of the forward look.

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](mailto:HS2enquiries@hs2.org.uk)**

# Hillingdon

## Map 1 – Hillingdon overview



### Key

- |                     |                     |                                 |
|---------------------|---------------------|---------------------------------|
| Parkland            | Rail station        | HS2 route Phase One overground  |
| Water/river         | Existing train line | HS2 route Phase One underground |
| Underground station |                     |                                 |

## Construction look ahead

Location of works	Proposed duration	Description of works
<b>Location 1</b> <b>A412 North Orbital Way, Bucks</b>	Ongoing until 2024	<p><b>Colne Valley Viaduct, A412 North Orbital Way</b></p> <p>For access to the viaduct pier locations in the Korda, Savay, and Harefield lakes, we have built temporary jetties - temporary bridge structures – across the lakes. These allow us to use the jetties as a platform to support cranes, and other plant, as part of pier and Colne Valley Viaduct construction. As well as providing an internal haul road to move equipment and materials. All piling for the piers and jetties is now complete.</p> <p>The Colne Valley Viaduct has now been constructed over the A412 and the launching girder – Dominique – is now building the viaduct towards the River Colne crossing which it will cross in spring 2023.</p>
<b>Multiple locations</b>	Ongoing until December 2024	<p>Continuing with water quality sampling from the River Colne, River Pinn, Newyears Green Bourne and The Greenway.</p> <p>Small samples of water are taken from streams in the area each month. This is done by staff on foot taking a jam-jar sized sample for analysis.</p>

## Map 2 – Colne Valley lakes and Harvil Road



### Key

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

## Construction look-ahead

Location of works	Proposed duration	Description of works
<b>Location 1</b> <b>Moorhall Road</b>	September 2021 until March 2023	Moorhall Road north and south compounds are now fully operational and supporting the construction of the south embankment as well as pier construction for the Colne Valley Viaduct. Construction vehicles are using the internal haul road to access the pier locations. Permanent road traffic signals are operating on Moorhall Road (managed by TfL) to control traffic movements at the junction with Moorhall Road and the work compounds.

<b>Location 2</b> <b>Colne Valley lakes</b>	Ongoing until November 2024	<p>An existing works access point on Moorhall Road/Dellside is in use for limited works traffic. Public access to the Colne Valley Trail is not affected, however, part of the Public Right of Way U34 has been diverted.</p> <p>Compound fencing has been extended on Harefield Moor to accommodate earthworks. The permissive path between the Colne Valley Trail and Harvil Road around the fence line has been diverted to allow for temporary stockpiling of soil on land next to Dews Lane.</p> <p>The stockpiled material will be used to create the South Embankment of the Colne Valley Viaduct, next to Harvil Road from October 2023 to November 2024.</p> <p>As part of our ongoing construction works to build the piers in the lakes and on the ground to support the Colne Valley Viaduct, we have built an overhead scaffold frame to carry a water treatment pipeline across the Grand Union Canal.</p>
<b>Location 3</b> <b>Dews Lane/South Embankment</b>	Ongoing until November 2024	<p>A works compound and offices are operational at the former Hillingdon Outdoor Activity Centre (HOAC) site at the end of Dews Lane/South Embankment. This compound is the operation centre for the construction of the temporary jetties and the permanent viaduct structure between the former HOAC site and the Grand Union Canal south bank.</p> <p>Dews Lane is operating as a temporary haul road with secure access at the junction with Harvil Road.</p> <p>Access is permitted for local business (RAC Garages) and other community groups that require access from Harvil Road.</p>
<b>Location 4</b> <b>Harvil Road</b>	Ongoing until 2025	<p>Permanent lights are now installed to control construction traffic movement at the junction with Harvil Road, in Hillingdon.</p>

<b>Location 5, 7 and 3 Denham Country Park to Harvil Road</b>	Ongoing until Spring 2023	<p>National Grid's pylon diversion scheme reinstatement work in Denham Country Park won't begin until around mid-late April 2023. This includes removing remaining temporary trackway, bridges, fencing and associated equipment, and tree planting. It's expected the work will take 4-6 weeks to complete.</p> <p>The footpath (permissible track-path) near Flagmore Ditch has been reopened for the benefit of the community. It will need to close again temporarily when this activity is underway.</p> <p><u>Overhead earthwire works</u></p> <p>We'll replace the earthwire (the wire at the top of the pylons) over three spans. The section starts north of Harvil Road and ends north of Breakspear Road North.</p> <p>From early March you may see preparatory work by our contractor Morrison Energy Services. The overhead line crosses Breakspear Road North so the road will be closed from Breakspear Road/South up to Rickmansworth Road, Harefield from Monday 20 March to Sunday 26 March 2023.</p> <p>A diversion will be in place for the safety of our workforce, local people and road users during this time. We advise people allow extra time for your journey. Access to residential properties or business premises will be maintained.</p> <p>Between 27 and 30 March all trackway and plant and materials from the working areas will be removed.</p> <p>Our core working hours will be 8am to 6pm on weekdays (excluding bank holidays). If we have any delays and need to work on 25 and 26 March, our working hours are between 8am and 1pm on Saturday and between 8am and 3pm on Sunday.</p>
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<b>Location 6</b> <b>Dews Lane /</b> <b>Newyears</b> <b>Green</b> <b>Bourne</b>	To August 2024	Works to create the foundations for the viaduct piers south of Harvil Road have now been completed. Works taking place on site include the construction of the piers from Moorhall Road to the South Embankment and the construction of the South Embankment.
<b>Location 7</b> <b>Savay Lake</b> <b>to Grand</b> <b>Union Canal</b> <b>/ Harefield</b> <b>Marina</b>	September 2021 to March 2023	Piling and cofferdam construction is now complete. Construction is now taking to create the permanent structures – piers – for the Colne Valley Viaduct. Towpath access along the Grand Union Canal will remain open throughout these works.
<b>Location 8</b> <b>Harefield</b> <b>Lake No2</b>	October 2021 to March 2024	From June 2022 a short section of the access track/National Cycle Route 6 on the southern side of Harefield Marina was diverted to enable access to build the pier foundations on the southside of the Grand Union Canal. A temporary pontoon has been built in the canal to carry light vehicles, pedestrians, and cyclists around the worksite.



<b>Location 9</b> <b>Grand Union Canal /</b> <b>Harefield Marina</b>	February 2022 to December 2023	<p>The existing bridleway leading from U34 to Harvil Road is diverted to allow for soil stockpiling north of HOAC. Access to the fishing locations and Dellside track are not affected, however users of the footpath are diverted around a perimeter fence.</p> <p>Material stockpiled in this location will be moved to site via the existing site entrance and access road at Harvil Road.</p> <p>The stockpile will be used to build the Colne Valley Viaduct South Embankment.</p>
		<p>Works to establish a small compound on land between the south bank of the Grand Union Canal and the HOAC lake began in early April 2022. These works will enable construction of the ground pier in this location and will require phased diversion of the access path and Colne Valley Trail / National Cycle Route 6. This path will remain open during the works.</p>
<b>Location 10</b> <b>Colne Valley Viaduct</b> <b>South Embankment</b>	February 2022 to December 2023	<p>Piling for the Colne Valley viaduct south abutment, where it will meet the land after crossing the Colne lakes is now complete. Construction is now taking place to build the abutment and the South Embankment</p>

## Map 3 – Harvil Road and Newyears Green Lane



### Key

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

## Construction look ahead

Location of works	Proposed duration	Description of works
<b>Location 1 Cophall North</b>	Ongoing until April 2023	<b>Cophall tunnel:</b> <ul style="list-style-type: none"> <li>Construction of the Cophall Tunnel continues at the Western Portal. Current phase of works at the portal end involves constructing the walls, the bridge deck, extended walls and props and waling beams. In order to enable the permanent works, various temporary works schemes will be implemented at the Western Portal in 2023 which will be visible to the public from Harvil Road.</li> <li>Progress further east into the central section of the tunnel and start the steelwork for the temporary works scheme and erecting the temporary structures to support the permanent structure of the tunnel.</li> <li>TBM material delivery via lorry and soil treatment temporarily stored near MSD building north of the</li> </ul>

		<p>Chiltern Line railway, west of Breakspear Road South.</p> <p><b>Harvil Road North</b></p> <ul style="list-style-type: none"> <li>Ongoing construction of the embankment for the road realignment using the material excavated from the Copthall cut and cover tunnel.</li> </ul>
<b>Locations 2 Harvil Road</b>	Ongoing until May 2023	<p><b>Chiltern Line Bridge</b></p> <ul style="list-style-type: none"> <li>Ongoing construction of the new bridge over the Chiltern line railways, including backfill works.</li> </ul> <p><b>Harvil Road South</b></p> <ul style="list-style-type: none"> <li>Skip Lane new junction works, including drainage works.</li> <li>Temporary traffic management to carry out the main utility works and constructing the new road realignment, including earthworks and highway build up.</li> </ul>
	Ongoing until April 2023	<p><b>Treatment area</b></p> <ul style="list-style-type: none"> <li>Construction of the treatment silos and TBM material testing area, including roof installation.</li> <li>Conveyor installation works</li> <li>Temporary TBM material storage</li> </ul>
<b>Location 3 Copthall South</b>	Ongoing into 2024	<p><b>Southern Sustainable Placement area</b></p> <ul style="list-style-type: none"> <li>Earthworks, soil compacting works and soil movement across the SSPA area</li> <li>Attenuation ponds and water management works, including siltbuster in operation</li> <li>Drainage and water management work</li> </ul>
	Ongoing until October 2023	<p><b>Northern Sustainable Placement area</b></p> <ul style="list-style-type: none"> <li>Construction of earthwork mounds using the material excavated from the Copthall cut and cover tunnel</li> <li>Material being transported using a conveyor belt over Newyears Green Lane</li> <li>Temporary diversion of U36/U37 &amp; U38 footpaths</li> </ul>
<b>Location 4 Northern Sustainable Placement area</b>		

## Map 4 – Breakspear Road to West Ruislip



### Key

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

## Construction look ahead

Location of works	Proposed duration	Description of works
<b>Location 1</b> West Ruislip (and west along the northern side of the Chiltern Line)	Ongoing until April 2023	<ul style="list-style-type: none"> <li>Continue the use of the temporary conveyor to initial site for spoil on the golf course.</li> <li>Removal of initial spoil towards the treatment area</li> <li>Begin to store the tunnel segments for the tunnel</li> <li>Delivery of segments to TBM as it moves east by rail</li> <li>Create area to store the initial spoil from the tunnels</li> <li>Erect lighting that will light the segment storage area and route to the tunnel bores and welfare</li> <li>Erect lighting that will light the segment storage area and route to the tunnel bores and welfare</li> </ul>








<b>Location 2</b> <b>Breakspear Road South</b> <b>(Both sides of Breakspear Road South)</b>	Ongoing until May 2023	<ul style="list-style-type: none"> <li>• Excavation of permanent realignment of the River Pinn</li> <li>• Bridge support structure work on either side of Breakspear Road South</li> <li>• Begin works on building the bridge support structure to either side of the River Pinn</li> <li>• Complete excavation of West Ruislip retained embankment</li> <li>• Commence construction of the Gatemead embankment earthworks</li> <li>• Install culvert units under Gatemead embankment.</li> <li>• Create and test conveyor system</li> <li>• Continue with the support walls to both of the bridge abutments for Breakspear Road South and River Pinn.</li> <li>• Construction of bridge decks at Breakspear Road South and River Pinn.</li> </ul>
<b>Location 3</b> <b>Golf Course area</b>	Ongoing until June 2023	<ul style="list-style-type: none"> <li>• Installing fencing and hoarding along the area which will include strimming locally. Access to the golf course for the public will be maintained for as long as possible by leaving access through the fencing.</li> <li>• Excavation of trenches, site mobilisation and compound set up with fencing, hard standings, and welfare accommodation (this activity will be surrounded by Heras fencing).</li> <li>• Ecological mitigation works.</li> <li>• Fencing installation, haul road construction, vegetation clearance and dewatering works leading to excavation and planting</li> <li>• Preparation works to secure and divert a section of the U44 footpath around the works area</li> <li>• Construction of temporary car park</li> </ul>



## Map 5 – West Ruislip to South Ruislip



### Key

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

## Construction look ahead

Location of works	Proposed duration	Description of works
<b>Location 1</b> <b>South Ruislip vent shaft</b>	Ongoing until April 2023	<p>Works are ongoing to set up the South Ruislip site for future construction of the ventilation shaft and headhouse:</p> <ul style="list-style-type: none"> <li>• Construction of capping beam for the main shaft and satellite shaft</li> <li>• Jetting cement grout into the subsoil to improve the stability of the foundations</li> <li>• Removal of water from the ground as the vent shaft is constructed</li> <li>• Pipeline being laid along Network Rail land to Yeading Brook for the purpose of discharging water from the dewatering process</li> <li>• Commence shaft excavation inside the main shaft</li> </ul>

<b>Location 2</b> <b>Various locations</b>	Ongoing until October 2023	<p>We will continue major utility protection works in the South Ruislip area in various locations where roads cross over the Chiltern main line and the new HS2 tunnel route.</p> <p>We will be carrying out a phased programme of strengthening and protection works of gas and water sewers and electricity connections (utilities) at the following locations:</p> <ul style="list-style-type: none"> <li>• Bridgwater Road</li> <li>• Station Approach and Long Drive</li> <li>• Great Central Avenue</li> <li>• Rabournmead Drive</li> <li>• Harvil Road</li> </ul> <p>The works will need to take place ahead of the tunnel boring machines excavation of the new tunnels to protect the utilities from any ground movement.</p>
<b>Location 3</b> <b>Various locations along the Northolt Tunnels West route</b>	Ongoing to Spring 2024	<p>Northolt Tunnels West broadly follow the alignment of the London Underground Central Line and Chiltern Mainline Railway. TBM Sushila and TBM Caroline are constructing the Birmingham Downline and London Upline respectively.</p> <p>They will be constructed near the following residential roads:</p> <p>Ickenham Close, Blenheim Crescent, Herlwyn Avenue, Lawn Close, Almond Close, Cherry Close, Roundways, Bridgwater Road and Rabournmead in the London Borough of Hillingdon and Mandeville Road and Greenpark Way in the London Borough of Ealing.</p> <p>TBM Sushila is in the vicinity of Herlwyn Avenue and TBM Caroline is expected to arrive at the same location around one month later.</p>

<b>Utility works</b>	<p data-bbox="699 181 1358 293">Borough of Hillingdon and Rabournmead Drive, Mandeville Road and Greenpark Way in the London Borough of Ealing.</p> <p data-bbox="699 338 1385 595">The alignment of the Northolt Tunnels West means that a number of roads pass over the tunnel route. To mitigate the effects of tunnelling settlement (ground movement) on utilities, a programme of protection and diversion works will be carried out ahead of when the tunnel boring machines pass nearby.</p> <ul data-bbox="699 651 1190 786" style="list-style-type: none"> <li>• Water and gas main diversions</li> <li>• Water and gas main replacement</li> <li>• Sewer lining</li> </ul> <p data-bbox="699 824 1382 969">Due to the location of utilities within the highways and footways, there will be a series of temporary traffic management in place whilst the protection and diversion works are being carried out.</p>
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# 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](mailto: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](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**

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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