

# HS2

## Birmingham

Winter 2021

3-month construction look ahead



# Birmingham

## Winter 2021

This forward look covers HS2 associated work in Birmingham.

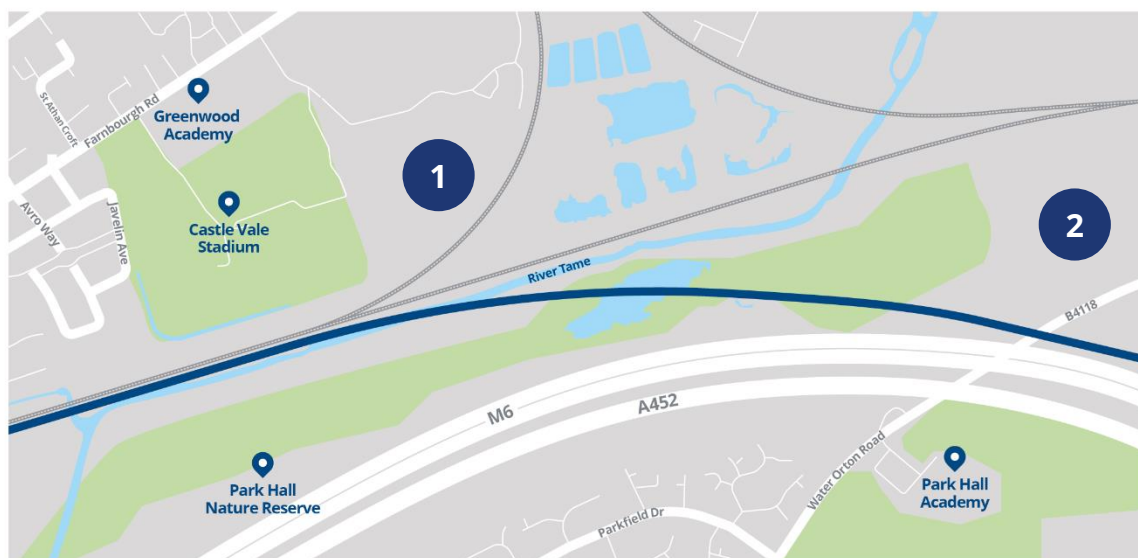
The document includes:

- 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)**

## Map 1 – Park Hall Nature Reserve



### Key

|   |   |
|---|---|
| <span style="color: green;">■</span> Parkland   | <span style="color: grey;">----</span> Existing train line                                |
| <span style="color: blue;">■</span> Water/river | <span style="color: blue;">—</span> HS2 route Phase One underground (subject to consents) |






| Location of works | Proposed duration           | Description of works   |
|-------------------|-----------------------------|--|
| <b>Location 1</b> | Ongoing until February 2022 | <p>We will be undertaking several different types of ground investigation surveys, including:</p> <ul style="list-style-type: none"> <li>• Excavating 'trial holes'</li> <li>• Ground Penetrating Radar (GPR) surveys to identify existing underground utilities</li> <li>• Surveys to check existing ground levels</li> <li>• Surveys of water bodies</li> </ul> <p>A face-to-face meeting was held at Park Hall Nature Reserve with representatives from Birmingham &amp; Black Country Wildlife Trust on 16 September 2021.</p> |

|                   |                             |   |
|-------------------|-----------------------------|---|
| <b>Location 2</b> | Ongoing until February 2022 | <p>We will continue to construct a works compound to support future tunnelling activities. This includes:</p> <ul style="list-style-type: none"> <li>• Continued creation of internal haul roads</li> <li>• Continued construction of diaphragm wall for Bromford tunnel eastern portal</li> <li>• Concrete works to begin</li> <li>• Installation of ducting</li> <li>• Site access construction.</li> </ul> |
|-------------------|-----------------------------|---|

## Map 2 – Castle Bromwich/Bromford



### Key

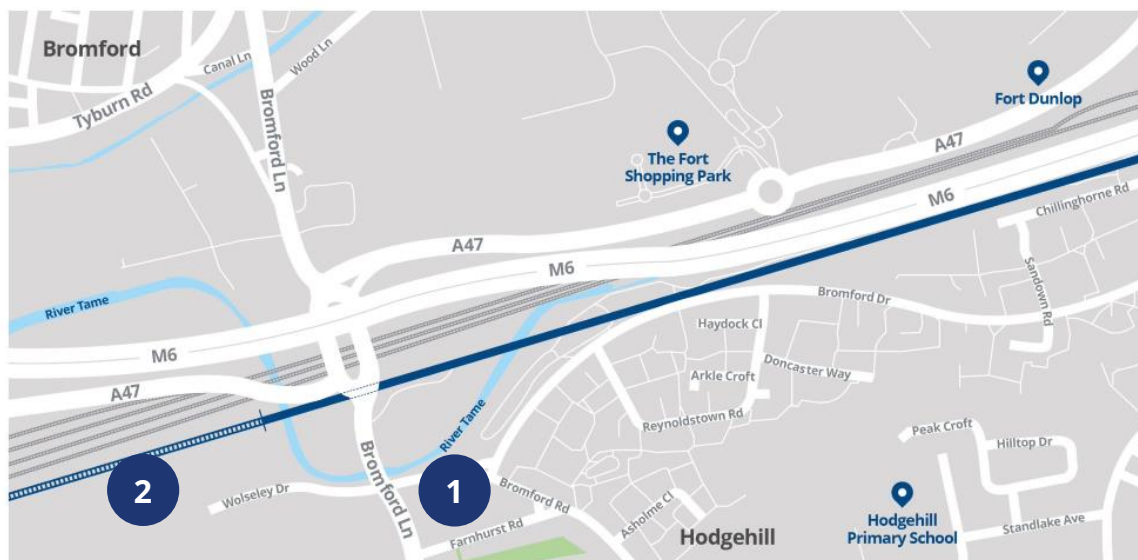
|   |   |  |
|---|---|--|
|  Parkland    |  Existing train line             |  HS2 route indication |
|  Water/river |  HS2 route Phase One underground |  |

| Location of works | Proposed duration           | Description of works   |
|-------------------|-----------------------------|--|
| <b>Location 1</b> | Ongoing until February 2022 | <p>We will continue to set up a HS2 work site within Castle Bromwich Business Park.</p> <p>Ground investigation surveys along and near Bromford Drive from 24 November 2021 until 22 December 2021. Again, from 7 – 31 January 2022.</p> |



- Surveys of water bodies.

## Map 3 – Bromford



### Key

|             |                                 |                                |
|-------------|---------------------------------|--------------------------------|
| Parkland    | Existing train line             | HS2 route Phase One overground |
| Water/river | HS2 route Phase One underground | HS2 route indication           |

| Location of works | Proposed duration           | Description of works   |
|-------------------|-----------------------------|--|
| <b>Location 1</b> | Ongoing until February 2022 | <p>We will be carrying out a series of surveys, including drainage inspections and the excavation of 'trial holes' to locate existing underground utilities near to our construction works.</p> <p>These surveys will help us to plan where utility diversions will be required as we prepare to construct the railway in Birmingham.</p> <p>To be able to carry out these inspections safely and effectively, we will need to put in place temporary traffic management measures which may include temporary traffic lights, and lane or road closures.</p> |

|                   |                        |  |
|-------------------|------------------------|--|
|                   |                        | <p>Drainage inspections involve lifting manhole covers and using a sewer camera to examine the underground pipes.</p> <p>To complete our utility trial hole inspections, we will use hand digging tools, as well as a vacuum excavator, which uses compressed air to loosen or agitate the ground. Once the surveys are carried out, we will back-fill all trial holes.</p>  |
| <b>Location 2</b> | November – Spring 2023 | <p>We will be constructing the diaphragm wall that will support the Bromford Tunnel West Portal.</p> <ul style="list-style-type: none"> <li>• We will be using large machinery to excavate.</li> <li>• Our bentonite plant will be operational to produce the stabilising fluid that is needed to support the ground as we excavate.</li> <li>• We will be pouring concrete to create the supporting walls. On some occasions we may need to work outside of core working hours to complete concrete pours.</li> </ul> |

## Map 4 – Washwood Heath



### Key

|  |   |  |
|--|---|--|
| <span style="color: green;">■</span> Parkland        | <span style="color: grey;">▬▬▬▬▬</span> Existing train line             | <span style="color: blue;">▬▬▬▬▬</span> HS2 route Phase One overground |
| <span style="color: lightblue;">■</span> Water/river | <span style="color: blue;">▬▬▬▬▬</span> HS2 route Phase One underground |  |

| Location of works | Proposed duration     | Description of works   |
|-------------------|-----------------------|--|
| <b>Location 1</b> | Ongoing – Summer 2022 | <p>We will be diverting Wash Brook which flows through the Washwood Heath site to allow us to build the HS2 structures.</p> <p>The brook flows through the site through a mixture of open channels and in underground pipes, known as a culvert. The pipes channel the Wash Brook into the River Rea.</p> <p>The brook is currently in the path of the HS2 structures so needs to be diverted to allow enough room for construction.</p> <p>We will divert the brook by constructing new channel openings and culverted sections. To carry out the work we will be using equipment such as cranes, piling rigs, diggers and dump trucks.</p> |



|                   |  |   |
|-------------------|--|---|
| <b>Location 2</b> | Ongoing – for duration of construction | Our onsite concrete batching plant will be providing all the required concrete for the BBV sites in Birmingham. Due to the size of the structures that are being constructed it is anticipated that some of the concrete activities will need to take place outside of core working hours.  |
| <b>Site Wide</b>  | March 2021 – Winter 2023               | <p>We will be undertaking various earthworks in this area.</p> <p>As we prepare to build the railway, we will need to start preparing the ground for the foundations. To do this we will need to excavate the foundations from the previous site buildings.</p>   |
|                   | Ongoing until Spring 2022              | <p>We will be undertaking several different types of ground investigation surveys, including:</p> <ul style="list-style-type: none"> <li>• Excavating ‘trial holes’</li> <li>• Ground Penetrating Radar (GPR) surveys to identify existing underground utilities</li> <li>• Surveys to check existing ground levels.</li> </ul> <p>We will be carrying out a series of surveys, including drainage inspections and the excavation of ‘trial holes’ to locate existing underground utilities near to our construction works.</p> <p>Drainage inspections involve lifting manhole covers and using a sewer camera to examine the underground pipes.</p> |
|                   | Ongoing until Spring 2022              | <p>To complete our utility trial hole inspections, we will use hand digging tools, as well as a vacuum excavator, which uses compressed air to loosen or agitate the ground. Once the surveys are carried out, we will back-fill all trial holes.</p> <p>These surveys will help us to plan where utility diversions will be required as we prepare to construct the railway in Birmingham.</p>   |

## Map 5 - Saltley



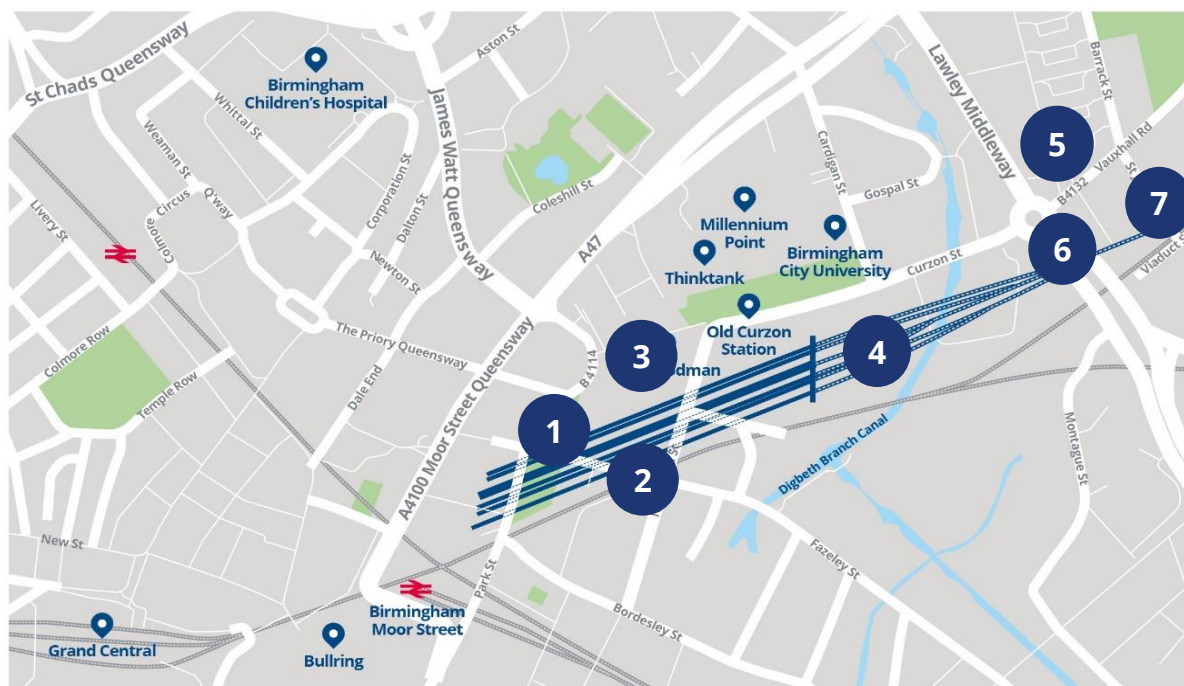
### Key

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

| Location of works        | Proposed duration          | Description of works   |
|--------------------------|----------------------------|--|
| <b>Location 1</b>        | Summer 2021 to Spring 2022 | We will undertake works to divert existing utility services at this location.  |
| <b>Location 2</b>        | Ongoing to Spring 2022     | <p>D B Cargo's current cabin is within our working location. Ahead of constructing a new viaduct we will need to relocate their cabin. This will start with the construction of a new cabin; we will then move on to demolish the old cabin.</p> <p>We will continue the demolition of several buildings at the Network Rail site in order to clear the path for the new railway.</p>  |
| <b>Location 3</b>        | December 2021- Spring 2022 | We will start to construct a new pedestrian ramp and temporary footbridge on Saltley Viaduct. This ramp and footbridge will allow us to maintain a pedestrian route during the closure of Saltley Viaduct.   |
| <b>Locations 4 and 5</b> | January 2022 - Spring 2022 | <p>We will be carrying out utility diversions within the site boundaries.</p> <p>During this work residents and stakeholders may hear low levels of construction noise and see deliveries of materials and equipment.</p>  |
| <b>Location 6</b>        | January 2022 - Spring 2022 | <p>We will temporarily divert the River Rea overflow channel. The overflow channel for the River Rea is located within our site boundaries just south of Aston Church Road. As we reconstruct Aston Church Road it will cross the overflow channel.</p> <p>In order to complete our construction works we will need to temporarily divert a section of the overflow away from our working area. We will realign the section by channelling it through pipes.</p> |

|                          |                            |  |
|--------------------------|----------------------------|--|
|                          | January 2022 – Spring 2023 | <p>Ahead of constructing the new Aston Church Road Overbridge we will need to divert a high voltage electrical cable on Aston Church Road.</p> <p>To complete the diversion, we will need to put in place a road closure and footpath closure with diversion routes.</p>   |
| <b>Locations 4 and 7</b> | Ongoing – Spring 2022      | <p>We will be carrying out a series of surveys, including drainage inspections and the excavation of ‘trial holes’ to locate existing underground utilities near to our construction works.</p> <p>These surveys will help us to plan where utility diversions will be required as we prepare to construct the railway in Birmingham.</p> <p>To be able to carry out these inspections safely and effectively, we will need to put in place temporary traffic management measures which may include temporary traffic lights, and lane or road closures.</p> <p>Drainage inspections involve lifting manhole covers and using a sewer camera to examine the underground pipes.</p> <p>To complete our utility trial hole inspections, we will use hand digging tools, as well as a vacuum excavator, which uses compressed air to loosen or agitate the ground. Once the surveys are carried out, we will back-fill all trial holes.</p> |

## Map 6 HS2 Curzon Street Station site



### Key

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

| Location of works | Proposed duration                                     | Description of works  |
|-------------------|---|---|
| <b>Location 1</b> | Ongoing for the remainder of 2021 and throughout 2022 | <p>Continuing to prepare the site for the construction of the HS2 Curzon Street Station and the railway; including utilities diversions and ground remediation works.</p> <p>We will continue to divert existing utilities including gas, electricity cables and water pipes, in and around the HS2 Curzon Street Station site</p> <p>Utilities works are ongoing within site boundaries and public roads and footpaths that border the HS2 Curzon Street station site including on Fazeley Street, New Canal Street, Masshouse Lane and Curzon Street.</p> |
| <b>Location 2</b> | Ongoing for the remainder of                          | Utilities diversions and connections at the New Canal Street/Fazeley Street junction and site wide.   |

|                   |   |   |
|-------------------|---|---|
|                   | 2021 and throughout 2022                        | We will continue to carry out these utilities diversions in preparation for the new utilities connections and testing and commissioning. Once complete, these works areas (on roads and footpaths) will be tarmacked and reinstated.  |
| <b>Location 3</b> | Ongoing for the remainder of 2021 until Q3 2022 | Ongoing refurbishment of the grade 1 listed former Curzon Street Station building. Scaffolding on all four faces of the building is complete. We anticipate this to be in situ until circa. Q2 2022 with the refurbishment works due to be complete in Q3 2022.   |
| <b>Location 4</b> | Ongoing until Spring 2022                       | <p>We will be installing bored piles across the site to create the foundation for the viaducts that will carry the HS2 line to the new purpose-built Curzon Street Station. We will then move on to install the pile caps.</p> <p>Along the section of the site which crosses the canal we will be installing sheet piles to strengthen the ground.</p> |
| <b>Location 5</b> | Ongoing – January 2022                          | We will be creating a new access point for West Midlands Fire Service into their headquarters, ahead of beginning construction works for a new viaduct. This will allow continued access to the building for West Midlands Fire Service throughout our construction work.   |
| <b>Location 6</b> | Summer through to early 2022                    | We are creating new car parking facilities for West Midlands Fire Service, to enable future construction work in the area.  |
| <b>Location 7</b> | December 2021- Spring 2022                      | We will be installing fencing around our work area on St James Place and Viaduct Street ahead of starting construction of the viaduct in that location.   |
| <b>Area wide</b>  | Ongoing throughout 2022                         | We are undertaking a range of utility diversions in the area.   |

# 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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