

Notification



Notice of Curzon Street station piling works

September 2024 | www.hs2.org.uk

High Speed Two (HS2) is the new high speed railway for Britain. The main works for Curzon Street station are being carried out by a joint venture between Mace and Dragados (MDJV).

Piling works

Our planned piling works will establish a stable foundation for the station construction. The works are scheduled to commence in September 2024 and conclude by spring 2025.

We have been collaborating with utility companies to plan, coordinate and safeguard the relocation and redirection of utility services, aiming to minimise the impact on surrounding business and residential premises.

Deliveries to site

We plan to use mobile cranes, piling rigs, and excavation equipment to carry out these works. To reduce disruption on the local road network, we will transport some larger equipment to the site outside our normal working hours. Larger vehicles will be used to minimise the number of vehicles on the roads.

Piling technique

The method of piling that will be employing is known as continuous flight auger piling. One of the main advantages of this method is its minimal noise and vibration emissions, which make it suitable for use near buildings, homes, and environmentally sensitive areas. It is a preferable choice when considering the impact on the surrounding environment.

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

Duration of works

Monday 16 September
to spring 2025

Core working hours:

Monday to Friday:
8.00 am to 6.00 pm

Saturdays:
8.00 am to 1.00 pm

What to expect

Increased vehicle movements to and from the site whilst we complete these works.

What we will do

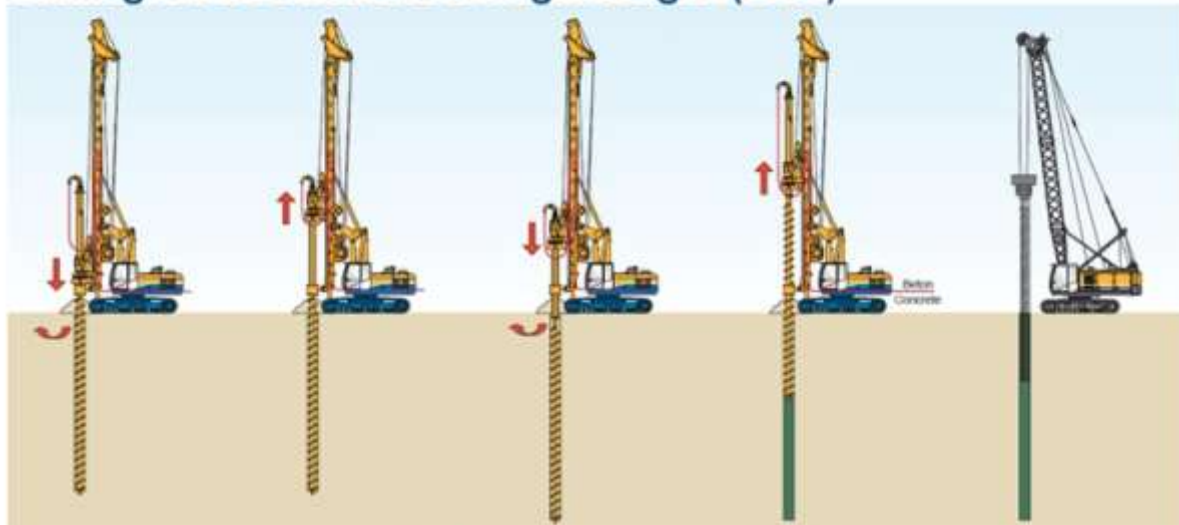
We will use noise and dust mitigation measures whilst we work to minimise the local impacts of our works.

Piling sequence of works

The technique that we will use involves the use of a continuous flight auger, which is a drilling tool that removes soil while advancing into the ground. This technique is recognised for its ability to efficiently and quickly install piles, which is crucial for reinforcing ground foundations.

The drilling tool cuts and removes the soil from the hole, then concrete is poured into the hole to form the pile. A crane will lift a steel cage and place it within the drilled hole.

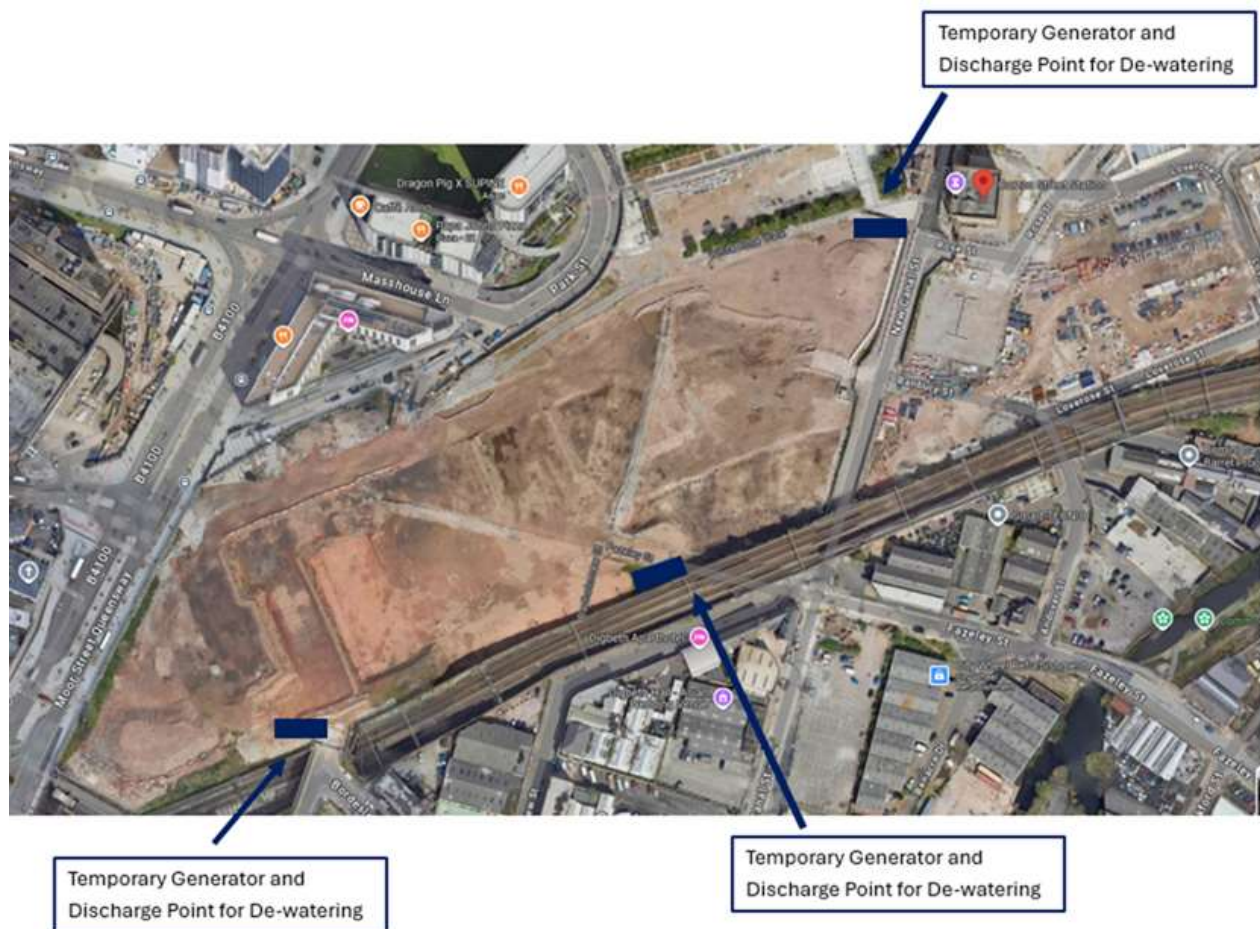
Drilling with Continuous Flight Auger (CFA)



Draining site water

To set the concrete piles and ground foundations, we will need to remove groundwater and any surface water from the site using a process known as dewatering. Approximately 26 pumps will be needed to drain the site of water. We plan to install three generators to operate the pumps 24/7 from November 2024 to February 2025. They will then be switched to mains power to complete the water draining process. The generators will be powered by hydrotreated vegetable oil, producing noise levels like a diesel car idling. Noise mitigation screening will be installed around them to minimise noise levels, and the water will be discharged into the sewers. Please refer to the image below for the proposed locations of the generators and water discharge points.

Locations of proposed generators and discharge water points



Bulk excavation dig

As we proceed with the large-scale excavation to determine the station's varying elevations, the number of lorries arriving at and departing from the site on Curzon Street will increase. This will involve the transportation, storage, and recycling of excavated earth.

Site accommodation

To facilitate the station's construction, we will erect a temporary three-story office block within the hoarding on site in the Eastside Park area. Once completed, the building will provide changing and welfare facilities for staff throughout the station construction programme.

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**

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

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