

## High Speed 2 – details of High Pressure Gas diversions in the Harefield and Ickenham area

This note provides some more detail about the work that will be carried out over the coming months in the Harefield and Ickenham area ahead of construction of High Speed 2 (HS2).

To allow construction of the new railway, we need to move an underground gas pipeline.

For further information, please contact HS2 on 08081 434 434 or email [hs2enquiries@hs2.org.uk](mailto:hs2enquiries@hs2.org.uk)

### Overview of the works

Cadent Gas will be installing a new pipeline from south of the Chiltern Mainline ('southern shaft') to a shaft North of the Chiltern Line ('northern shaft'). This section of tunnel will be connected to the existing pipeline via open-cut (trenched) sections at a shallower depth running east from the tunnel. The pipeline is an important supply for London and we need to carry out this diversion to continue to ensure a safe and reliable gas supply to the area. While we do not anticipate these works to cause any major disruption or for there to be any effect on local gas supply, we recognise the disturbance this work can create and apologise in advance.

The work will be carried out as follows:

1. In mid-August 2017 HS2's contractors will be undertaking works to prepare for installing the pipeline. This will include vegetation clearance and archaeological works.
2. Murphy, a contractor working on behalf of Cadent Gas who owns the pipeline, will start work on installing the pipeline in late August 2017. The work is expected to be completed by autumn 2018.

We'll be setting up a construction site off Harvil Road, across from Harefield Oil Terminal. All of our site, equipment and work will be taking place within HS2 land.

The equipment used on site will be standard construction equipment and will include cranes, excavators and dump trucks. The equipment will only be partially visible from the part of Harvil Road that is close to the work site.

Most of the work involves boring underground and, while some equipment will be visible from Harvil Road, we don't expect any major visual or noise impacts from these works.

Works timeline	
<b>Mid-August:</b> HS2's contractors undertake works to prepare for installing the pipeline, including vegetation clearance and archaeological works	
Southern shaft – near Chiltern Mainline	Northern shaft – south-east of Dogs Trust, Harvil Road
<b>21 August</b> (10 days): Construction south of the railway bridge to widen the existing access  <i>Temporary traffic lights will be in use during the day to enable access and safe working</i>	<b>18 September</b> (10 days): Construction north of the railway bridge to widen the existing access  <i>Temporary traffic lights will be in use during the day to enable access and safe working</i>

<p><b>4 September</b> (two months): Construction of compound including project offices at the southern shaft</p> <p><i>Temporary traffic lights will be in use during the day to enable access and safe working</i></p>	<p><b>2 October</b> (two months): Construction of access road and northern compound</p> <p><i>Temporary traffic lights will be in use during the day to enable access and safe working</i></p>
<p><b>November 2017</b> (11 months): Main works commence at the southern access, starting with the shaft and tunnel construction</p>	<p><b>December 2017</b> (10 months): Main works commence at the northern access, starting with construction of the shaft</p>

### Working hours

The works will be carried out in our core working hours; between 8am and 6pm on weekdays with a period of up to one hour before for start-up activities and one hour after for close-down activities such as deliveries, unloading and maintenance. The start-up and close-down periods will not include the operation of any plant or machinery likely to cause disturbance to local residents or businesses.

While the tunnel boring machine is operating, we may need to work 24-hours a day. Because this work is underground we do not anticipate any noise or disruption for local people. However, you may notice people on-site during the night or early hours of the morning.

Security will be deployed at access locations and on the site to safeguard the works.

### Roads and traffic

To ensure the safety of road users and our engineers, we will be installing temporary traffic lights near to the site office on Harvil Road.

The temporary traffic lights will allow larger vehicles to enter the sites from the south of Harvil Road (travelling in a northern direction). Smaller vehicles will use the existing roads and will enter the construction sites from the north travelling in a southern direction. The lights will only be in use during working hours when larger vehicles are planned to arrive at or depart from site.

There are no road closures planned as part of the work and all vehicles entering and exiting the construction sites will follow agreed traffic routes.

Final details of the type and volume of vehicles are currently subject to discussion with HS2 and LB Hillingdon.