

# Northern Line Extension

## BI-MONTHLY UPDATE

March - April 2017

### Kennington Green

Thank you for your patience whilst we continue with the Northern Line Extension works near you. We would like to update you on where we are and what is planned for the next couple of months.

#### What has been completed:

Work on the northbound Step Plate Junction has commenced with breakout works and tunnel support works on the existing loop being carried out.

Excavation of the 6.5m diameter tunnel on the north bound step plate junction commenced in early January, with breakout works of the head wall, using mechanical hand held tools such as clay spades. We also continued with the timber heading excavation, installation of the Spheroidal Graphite Iron (SGI) rings and loop support works as part of the overall step plate junction works.

At our support site in Montford Place, we installed a shed to house spare materials for the Tunnel Boring Machines. This structure, a steel frame covered in canvas, is housed within our site compound and is 8 metres tall, by 21 metres long and 12 metres wide. The tent will remain in place for the duration of tunnelling.



*Above – Image of a mechanical clay spade used for excavating the 6.5m tunnel and works on the tunnel support.*

#### What is planned:

Over the next few weeks, we will be concentrating on the continuing construction of the 6.5 metres diameter tunnel of the north bound step plate junction at the Kennington Loop. Works to support the existing operational tunnel serving the Northern line will continue as timber heading excavation and SGI rings installation progresses.

These works are to connect the existing loop to the new tunnel and will continue throughout 2017. Works will be undertaken using mechanical hand held tools such as clay spades, which are less disruptive and are not likely to be heard by residents on the surface. We continue to communicate with nearby residents in readiness of the works taking place, as well as follow up any queries received. If you have experienced any disturbance during these works, please do let us know so that we can look into the issue.

Please see overleaf

On the surface we continue with operations to support the tunnel works with deliveries and concrete pours. These will take place during core hours between **08:00** to **18:00** Monday to Friday and between **08:30** to **13:00** on Saturdays. Approximately two vehicles are expected on site during the week. While we endeavour to receive all deliveries to site before 18:00, there may be occasions when a delivery arrives late due to circumstances outside of our control, and once begun, a concrete pour must continue in order to avoid the concrete setting. We will continue to notify you and the local authorities of these occasions as they arise and to remain considerate of our neighbours as we work through the deliveries.



*Above – images of the tunnel support works and the Sprayed Concrete Lining tunnels*

**Our working hours are now 24/7 to support tunnelling. This will continue until the completion of the shaft and tunnel in 2018.**

**Our core working hours for non-tunnelling activities are Monday to Friday 08:00 to 18:00 and Saturday 08:00 to 13:00 with quiet maintenance allowed between 13:00 and 18:00.**

**If you have any concerns or queries, please contact us at [nle@tfl.gov.uk](mailto:nle@tfl.gov.uk)**

**or call our 24/7 Helpline on 0343 222 2424 (Option 1)**