

Northern Line Extension

BI-MONTHLY UPDATE

September- October 2016

Kennington Park

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 four to eight weeks.

Latest activity

During July and August we completed excavation of the shaft at Kennington Park (see graph overleaf) to approximately 25m depth. Our miners also completed the 15m diameter Tunnel Boring Machine (TBM) reception "Adit". This is a "Soft Eye" (picture below right) inside the shaft that will allow for the reception of the TBM.

Thanks to the technology used, the soft eye construction was completed within hours, when normally it would take days.

When the TBM arrives next year it will break through this "soft eye". This will allow the TBM shield (front of the TBM) to be removed and taken to the surface through the Kennington Park shaft. The TBM back-up machinery will be dismantled and taken in parts along the tunnel back to the entrance at Battersea where it will be disposed of or recycled.



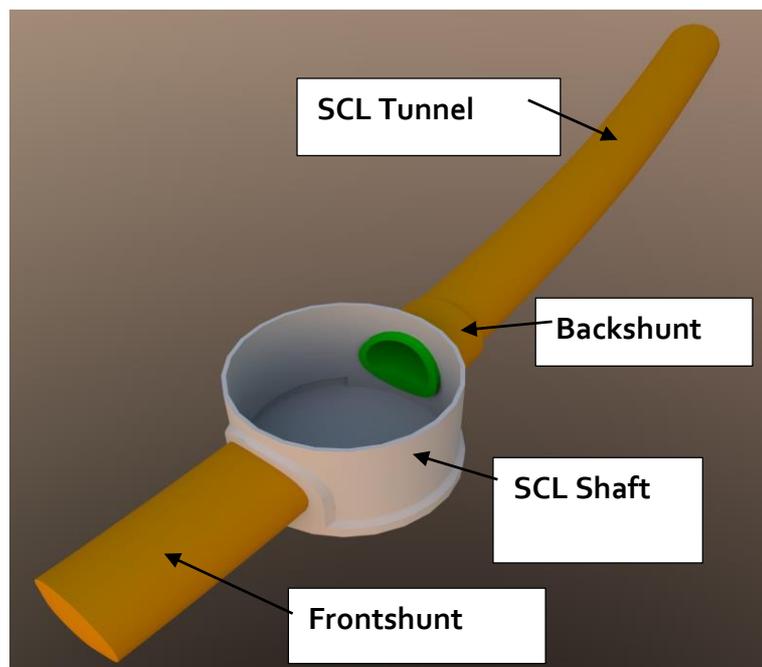
Inside the Kennington Park SCL shaft

We have also commenced with excavation of the running tunnel, towards Kennington Station. So far we are 45m into the tunnel. This running tunnel will be 75m long when complete in mid-October 2016.

See page overleaf

What is planned

The tunnels are being formed using a method called Sprayed Concrete Lining (SCL). The concrete is mixed inside the acoustic enclosure. Each 1m advance of the running tunnel uses approximately 10 cubic metres of sprayed concrete. Excavated material from the tunnel is being removed by truck. The material excavated overnight will be stockpiled within the enclosure ready to be removed the following day.



To date, over 20,500 tonnes of excavated material has been removed by over 690 lorry movements. The material goes to a disposal at an environmental land site and nature reserve in Essex.

If you would like to know more about tunnelling and the NLE works, we are holding a Community Drop In Session at Kennington Park Site offices between 3pm and 7pm on **Wednesday 28 September**.

The address: NLE Kennington Park Site Office, Kennington Park Place.

The next Kennington Park Community Liaison Group meeting taking place between on Monday 10 October from 18:30-20:00 at the Royal British Legion, Gaza Street.

Our working hours are now 24 hours a day 7 days a week 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.

Note: To support 24/7 tunnelling operations, the NLE has made an application for extension of the Section 61 agreement to the Local Authority. This will allow up to 3 deliveries of cement mix from 013:00 and 18:00 on Saturdays and between 10:00 and 16:00 on Sundays.

We will endeavour to minimise disturbance and will manage the work in accordance with the Code of Construction Practice, including the control of noise, vibration and dust using best practicable means.

If you have any concerns or queries, please contact us at nle@tfl.gov.uk

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